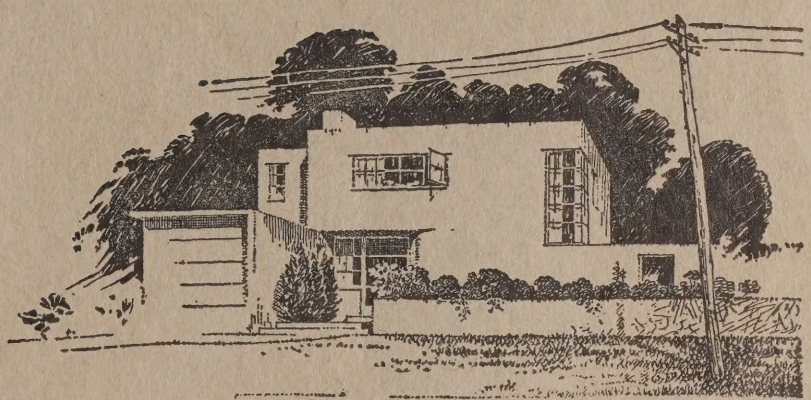
DOMINION HOVSING ACT

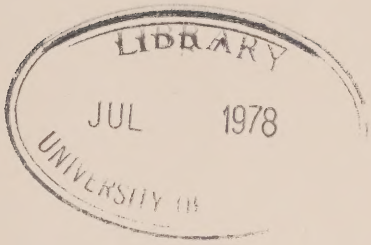


Architectural Competition

Low-Cost House Designs

Published by authority of Hon. C. A. Dunning, M.P.,
Minister of Finance

Dominion Housing Act....



Architectural Competition

LOW-COST HOUSE DESIGNS

Price, 25 cents per copy

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OTTAWA, CANADA, 1936

Architectural Competition

Low-Cost House Designs

THE Dominion Housing Act Architectural Competition, open to architects in Canada, was held for the purpose of securing designs for low-cost houses. The program required that each house should have at least three bedrooms and that the total volume of the house should not exceed 17,000 cubic feet. The house was to be designed for the home of the average Canadian family and was to conform with the Dominion Housing Act Minimum Standards of Construction.

On the following pages are shown:—

1. The Minimum Standards of Construction approved by the Minister of Finance for houses eligible to be financed under the Dominion Housing Act.
2. The Judges' Report on the designs submitted in the recent Dominion Housing Act Architectural Competition.
3. Comments on a number of the designs submitted.
4. Reproductions of sixty-five of the designs submitted in the competition, including the prize winning designs and a selection of other meritorious designs, illustrating the various types of houses suitable for construction in the different sections of the country.

Each design shows the floor plans and a perspective view or elevation of the exterior of the house; also a plot plan and a calculation of the cubic contents of the house.

DOMINION HOUSING ACT, 1935

MINIMUM STANDARDS OF CONSTRUCTION

Under Section 4, subsection (2) *(a)*, Dominion Housing Act, 1935, the following Minimum Standards of Construction have been approved by the Minister of Finance for houses eligible to be financed under the Dominion Housing Act, 1935.

General Conditions

1. All parts of buildings shall be designed and constructed to support safely their own weight and that portion of the live loads which they may carry. All buildings shall be adequately braced to resist lateral forces.
2. Exterior walls shall be set upon concrete or masonry foundations, either piers or continuous walls, extending to firm bearing surfaces below the frost line for the locality. Footings shall be of proper area to assure uniform distribution of loading and to prevent excessive or unequal settlement of the building.
3. Floor construction resting directly on the ground shall be of concrete constructed to prevent the entrance of moisture. Adequate drainage shall be provided for all basement floors.
4. When no basement is provided, and wood or metal joists, beams or girders are used, the space between the ground and the floor system shall be adequately ventilated and sufficient space shall be provided for access for inspection and repairs.
5. Exterior walls and roofs, together with all openings exposed to the weather, shall be constructed to prevent moisture from penetrating the building. Flashing and caulking shall be provided where necessary.
6. All exterior surfaces, which are subject to corrosion or damage from the weather, shall be adequately protected by painting or other treatment which will assure reasonable durability.

Definitions

(a) A "single family house" means a complete self-contained dwelling not attached to or forming part of any other house.

(b) A "two family house" means two complete self-contained dwellings attached to each other, side by side, or one above the other.

(c) An "apartment house" means more than two self-contained dwellings or houses under the same roof.

(d) A "habitable room" means a room used for living, sleeping, eating, or food preparation.

(e) A "non-habitable room" means a room not used for living, sleeping, eating, or food preparation.

(f) "Ordinary construction" means walls, floors, roof, partitions, etc., of masonry, veneer, frame, or any other type of non-fireproof construction.

(g) "Fire-resisting construction" means floors, walls, roof, etc., constructed with recognized slow burning or fire-resisting materials. In apartment houses the partitions enclosing public stair halls and corridors shall be of brick or tile at least 6″ thick.

(h) "Fireproof construction" means walls, floors, roof, partitions, etc., constructed of non-combustible materials. It is not intended to prohibit wood window frames and sash or other ordinary construction within each apartment, provided each apartment is enclosed by fireproof division walls and all openings in the division walls are protected with fireproof doors.

Lot Coverage

A single family house or a two family house must not cover more than 33% of the area of an inside lot and not more than 40% of the area of a corner lot. An apartment house must not cover more than 60% of the area of an inside lot and not more than 75% of the area of a corner lot.

Yards

All habitable rooms must have at least one exposure with a window or windows having a total area of at least 10% of the floor area of the room opening on a street frontage or a side or rear yard of which the width is not less than one-fifth of the overall length of the wall in which the openings occur and in no case less than 6′ 0″.

In the case of non-habitable rooms in which there are openings through a side wall the minimum width of the side yard adjoining shall be 3′ 0″. In the case of party walls or of walls in which no openings occur the wall may be built to the lot line.

Where a public lane or right-of-way exists between two adjoining properties the centre line of such lane or right-of-way may be considered as the property line in determining the exposure and side yard.

Courts

Courts that light and ventilate habitable rooms shall not be enclosed on more than three sides and shall open into the yard or public space. The width of such courts shall be not less than 12′ 0″ and the width shall be increased by

two feet for each additional storey above the second. No court shall be deeper than four times its width. Courts that light and ventilate non-habitable rooms may be of a minimum width of six feet and the width shall be increased by one foot for each additional storey above the second and may be enclosed on all four sides provided access for air is provided at the ground level by an unrestricted opening having at least one-tenth of the area of the court.

Shafts for Inside Bathrooms

Only where the local building code particularly allows will a bathroom or toilet be permitted to be lighted or ventilated from a shaft, and the shaft must extend from the basement floor level to a point 2′ 0″ above the roof. The shaft may extend only to the first floor level, provided it rests on a reinforced concrete slab supported on steel or masonry. The walls of this shaft must be of masonry at least 8″ thick, and all openings into this shaft must be of metal frame and sash and glazed with wire glass.

The shaft must be at least 3′ 0″ × 3′ 0″, and must be increased by 3 sq. ft. in area for each floor above the second.

Access to this shaft shall be provided at the lowest level in order that it can be kept clean.

The floor of this shaft must be of cement, properly sloped to a floor drain of ample size.

Room Sizes

Living Room.—Minimum area 150 sq. ft.
Minimum width 11′ 0″.

Dining Room.—Not necessary, but if no separate dining room is provided living room or kitchen, whichever it is proposed to use as a dining room, must be increased by an area of at least 30 sq. ft.

Kitchen.—(If a separate room) Minimum area 50 sq. ft.

Kitchenette and Dinette Combined.—Minimum area 80 sq. ft.

Bedroom.—(At least 1 bedroom) Minimum area 120 sq. ft.

Other Bedrooms.—Minimum area 80 sq. ft.
Minimum width 7′ 6″.

Clothes Closet.—All bedrooms must have a clothes closet with a minimum area of 4 sq. ft.

Ceiling Heights.—First and second floor 8′ 0″ clear height. Where sloping ceilings occur at least 50% of the floor area must have 8′ 0″ height and the balance of the minimum floor area must have a height of at least 5′ 0″. Basement ceiling height in general to be 6′ 6″ clear of all beams, pipes, etc.

Window Exposure

Every room must have an outside exposure with a window or windows containing a glass area of at least 10 per cent of the floor area of the room. 50 per cent of the required glass area must be hinged or sliding to permit opening to the outside, except as follows:—

(a) Bathrooms and toilets, outside window openings may be omitted if a system of ventilation is used that will automatically change the air without requiring to be controlled by the occupant.

(b) Kitchen, when joined and a part of a dining room no direct window is necessary, provided there is no separation between the dining room and kitchen, except a beam in the ceiling and cabinets not over 4′ 0″ high, provided that the area of the dining room window is large enough to meet the requirements of a room containing the combined floor area of both dining room and kitchen.

(c) A breakfast alcove or pantry containing not more than 30 sq. ft. of floor area if properly ventilated is not required to have outside window exposure.

Construction

A single family house, a two family house, or an apartment house, three storeys or under, may be of ordinary construction except that in the case of an apartment house the public stair halls, corridors, and boiler room shall be of fire-resisting construction.

All apartment houses four storeys and over shall be of fireproof construction.

Stairs

A single family house, a two family house, or an apartment house having not more than twenty-five habitable rooms above the first floor will be required to have one stairway extending from the ground floor to the top floor.

All apartment houses having more than twenty-five habitable rooms above the first floor shall have two separate stairways extending from the ground floor to the top floor.

All stairs shall have treads not less than 9″ and the rise shall be not more than 8″.

Garage

When the garage is attached to the house or forms part of the house it shall be separated from the house by a masonry wall at least 8″ thick. Any openings from garage to house shall be protected by a metal clad fire door.

Garage in basement or under any portion of the house shall have a ceiling composed of a reinforced concrete slab at least 4″ thick, or if a wood ceiling it must have two separate applications of metal lath and plaster or other fire-resisting materials with an air space between. Garage must be ventilated direct to the outside.

* * * * *

Subject to the minimum standards hereinbefore set out, materials, equipment, and methods of construction in general use in any locality are acceptable for houses eligible to be financed under the Dominion Housing Act, 1935, in that locality, provided their durability and suitability for their intended purpose have been demonstrated by experience. Acceptance of materials, equipment, and methods of construction not in general use may be authorized by the Minister of Finance on the basis of such investigation and tests as may be necessary to determine their durability and suitability.

These standards are not intended to interfere with existing building codes and Provincial Regulations, except where the building codes or Provincial Regulations require standards inferior to those called for herein.

The Minister of Finance has also caused to be issued Memorandum Specifications covering materials and methods of construction required or recommended.

JUDGES' REPORT

The Judges of the Dominion Housing Act Architectural Competition met in Ottawa on April 21st, 22nd and 23rd, to consider and judge the designs submitted, and after giving due consideration to the program requirements and having examined the designs submitted, have arrived at the following decision:—

1st or Grand Prize—Design No. 386
W. Ralston, M.R.A.I.C.,
16 Rowanwood Ave.,
Toronto, Ont.

2nd Prize—
Design No. 171
John Fish, M.R.A.I.C.,
3540 Durocher Street,
Montreal, Que.

2nd Prize—
Design No. 358
Harold Greensides, M.R.A.I.C.,
283 Winona Drive,
Toronto, Ont.

3rd Prize—
Design No. 419
Arthur W. Davison, M.R.A.I.C.,
15 Court House Ave.,
Brockville, Ont.

3rd Prize—
Design No. 523
W. F. Williams, M.R.A.I.C.,
R.R. No. 1,
Nelson, B.C.

Honourable Mention

Design No.

247 W. J. Abra, M.R.A.I.C., 55 Metcalfe St., Ottawa, Ont.
306 Richard E. Bolton, M.R.A.I.C., 1178 Phillips Place, Montreal, Que.
495 P. Alan Deacon, M.R.A.I.C., Downsview P.O., Ont.
184 R. G. Heughan, M.R.A.I.C., Dominion Square Bldg., Montreal, Que.
300 H. Gordon Hughes, M.R.A.I.C., 172 Wellington St., Ottawa, Ont.
225 Maurice D. Klein, M.R.A.I.C., 74 King St. W., Toronto, Ont.
325 Lorne E. Marshall, M.R.A.I.C., 1019 Canada Cement Bldg., Montreal, Que.
163 Shorey & Ritchie, M.M.R.A.I.C., 2048 Union Ave., Montreal, Que.
469 A. H. Tremblay, M.R.A.I.C., 70-6th Street, Limoilou, Que.
524 W. F. Williams, M.R.A.I.C., R.R. No. 1, Nelson, B.C.

The Judges expressed their great satisfaction with the bulk of the five hundred and twenty-six designs submitted by architects from every Province in Canada, which contained the best elements to be found in recent work in this class of house arranged to suit the special requirements of the Canadian family.

The design given first place was chosen unanimously by the Judges for the following reasons:—

Fulfilling all of the conditions of the competition regulations the winning design, while modern in atmosphere, shows in its plans a well-studied and straightforward arrangement of rooms best suited for the needs of the average Canadian household.

Aware of desirability of using the simplest forms and also of using the cheapest and most widely distributed building materials the author of the winning design has displayed marked skill in the use of the modernistic treatment of his general design. The proportioning of wall and window surfaces has been carefully studied and a most pleasing and satisfactory result has been obtained without the use of costly forms of embellishment.

It was in the stated conditions of the competition that special consideration would be given to the design obtaining the required accommodation within the minimum enclosed space. So well has the architect succeeded in this regard in the winning design that the Judges had no alternative but to give the design special consideration apart from its other merits, for its small cubage and its conformity to requirements of low-cost construction, which can be achieved without detriment either to the quality of the house or to the comforts that it will offer to the owner.

One feature which is perhaps new to most owners of small houses in this country is the absence in 75% of the designs submitted of the "cell" type of plan with a small living room or parlour and an equally small or smaller dining room. By eliminating central hall and wasteful passages competitors have concentrated on large living rooms in which an effect of even greater space is given by a dining room as part of the living room or at right angles to it without a dividing partition. In the Judges' opinion such a solution of the house design in the $2,500 to $5,000 class is thoroughly sound and proper.

It might be pointed out that no reasonable objection can be found against the flat roof. Properly insulated it is perhaps the best roof for our climate and the least difficult and costly to maintain.

The Judges concentrated on plan but so far as the external treatment was concerned they approached the problem without any preconceived idea of style. Marks were given for charm and suitability regardless of style and the jury members, with widely differing tastes, were unanimous in their choice of No. 386 as deserving of the Grand Prize.

Among the designs submitted many were worthy of serious consideration. However, after considerable thought as to the relative merits of each design, the two second prize and two third prize designs appeared to be worthy of the awards, while the ten designs were judged to be entitled to Honourable Mention.

Many fine designs were of necessity eliminated from consideration because they did not comply with one or more of the program requirements.

The results of the competition were pleasing to the Judges and it is felt that Canadian domestic architecture will profit in every way from this competition.

W. L. SOMERVILLE, F.R.A.I.C.,
President, R.A.I.C., Toronto, Ont.

LUDGER VENNE, M.R.A.I.C.,
President, P.Q.A.A., Montreal, Que.

E. R. ARTHUR, M.R.A.I.C.,
School of Architecture, University of Toronto, Toronto, Ont.

A. J. HAZLEGROVE, M.R.A.I.C.,
Ottawa, Ont.

R. H. MACDONALD, F.R.A.I.C.,
Montreal, Que.

A. J. C. PAINE, M.R.A.I.C.,
Montreal, Que.

LEOPOLD FONTAINE, M.R.A.I.C.,
Chief Architect, Department of Public Works, Quebec, Que.

F. W. NICOLLS, M.R.A.I.C.,
Housing Administration, Department of Finance, Ottawa, Ont.

COMMENTS ON DESIGNS

The Judges' report gives the principal reasons for the selection of Design No. 386 as the first prize winner. There are many features in this design that will appeal to the prospective home builder. The house is designed for a lot of 33 ft. frontage and while the rooms are somewhat small, they are planned so as to give maximum wall space for the arrangement of the furniture in the house. Easy access is provided from the kitchen to the front door and to the trade entrance. The entrance to the garage is protected and yet not directly connected to the house. The fireplace is satisfactorily located and will be the focal point in the arrangement of the furniture. The dining room would doubtless require to have a more weatherproof outside wall than the folding doors shown in the plan if the house is to be built in the colder sections of Canada. In order to reduce the cost to a minimum the toilet room on the second floor may be omitted if desired, and the closet or storage space thereby increased.

Design No. 171 awarded second prize shows a house more or less square in plan, larger than No. 386 and more costly to construct. The elevation is simple and of good proportions. The house is of the type that will stand up well. The building of the garage would be optional. The arrangement of the plan is excellent, both upstairs and down, and a house of this type will make an ideal home for the average family. The living room has windows on three sides and all bedrooms have cross ventilation.

Design No. 358, also awarded second prize, may possibly be more expensive to build than No. 171 on account of the greater length of outside wall and of the increase in roof framing. No vestibule is provided in this house. The living room looks out on both the front street and the garden at the rear. The garage may be built with the house or added later as desired.

Design No. 419, awarded third prize, has great charm, especially for the home owner who wishes to develop a garden at the rear of the lot and thus extend the living room into the garden. The living room and principal bedroom are unusually large for a house of this size. The location of the garage may be changed to suit the conditions of the site.

Design No. 523, also awarded third prize, is in a traditional style which should be a pleasing inspiration to those who are fond of the more formal type of house. The elevation is pleasing and yet not over-elaborate and the plan is excellent. The arrangement of the living room and dining room is very satisfactory. There will be a feeling of spaciousness in this house that is only found as a rule in houses of much larger ground floor area. The house may be built without the garage if so desired, in which case the trade entrance door may be placed on the side of the house.

The ten designs which were given honourable mention all have outstanding features to recommend them, while the additional designs illustrated are highly commendable and should prove an inspiration to prospective housebuilders.

It should be remembered that it takes very little alteration to spoil the layout and charm of these designs and in the hands of an unskilled designer the house may prove both disappointing and unsatisfactory. It is intended therefore that the designs illustrated should be taken as examples of good planning and good taste and that a prospective house owner should not attempt to build without first securing complete architectural working plans of his project. Failure to do so will inevitably result in disappointment both in layout and appearance and probably in the cost of the house.

It should be noted that although some of the designs illustrated are at variance with the requirements of the Dominion Housing Act Architectural Competition, and that for this reason they were disqualified as prize winners, nevertheless these designs present types of modern domestic architecture that are most suitable for construction in the various provinces in Canada.

Each of the designs illustrated is in full accordance with the Minimum Standards of Construction of the Dominion Housing Act.

It would be unwise to attempt to set down a schedule of costs of construction of the various designs. Houses built in the East and in the West from the same design would vary greatly in their cost, while houses built of materials suitable for the smaller towns may be disqualified by local building restrictions in the larger cities.

Moreover, as a large percentage of the expenditure upon any house is due to the cost of the plumbing, heating, electric wiring and other equipment, as well as to the cost of the interior finish, the requirements of individual owners will influence the total amount spent upon each house to such an extent as to make general estimates of cost misleading.

The cubic contents of each house is shown upon the design. A prospective builder will probably be safe in estimating the total costs of construction as being between the limits of 20 cents to 30 cents per cubic foot, depending upon location, local conditions, and site, as well as the type of finish and equipment to be used.

It is recommended that expert advice be secured from an architect or builder as to local building costs.

In order that those who wish to retain the original designer as architect to prepare working plans and specifications, the name and address of the original designer are given on each design.

WHAT IT COSTS PER MONTH TO LIVE IN A DOMINION HOUSING ACT HOUSE
80% MORTGAGE

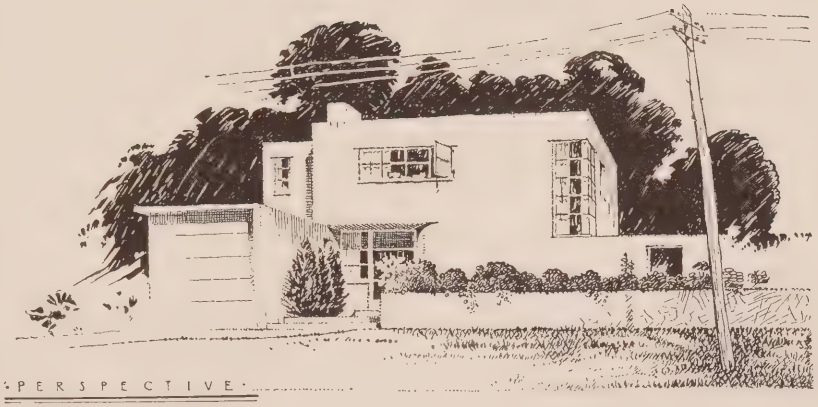
Total cost of house, lot, etc.	20% Equity supplied by borrower	80% D.H.A. mortgage	D.H.A. monthly payment, interest and principal	Estimated monthly taxes at 2% of total cost	Estimated monthly fire insurance premium	Total monthly payment
$	$	$	$ cts.	$ cts.	$ cts.	$ cts.
3,000	600	2,400	15.70	5.00	1.00	21.70
3,500	700	2,800	18.31	5.83	1.17	25.31
4,000	800	3,200	20.93	6.66	1.33	28.92
4,500	900	3,600	23.54	7.50	1.50	32.54
5,000	1,000	4,000	26.15	8.33	1.67	36.15
5,500	1,100	4,400	28.77	9.17	1.83	39.77
6,000	1,200	4,800	31.38	10.00	2.00	43.38

WHAT IT COSTS PER MONTH TO LIVE IN A DOMINION HOUSING ACT HOUSE
70% MORTGAGE

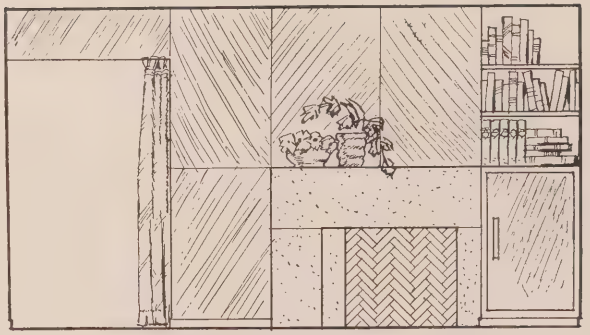
Total cost of house, lot, etc.	30% Equity supplied by borrower	70% D.H.A. mortgage	D.H.A. monthly payment, interest and principal	Estimated monthly taxes at 2% of total cost	Estimated monthly fire insurance premium	Total monthly payment
$	$	$	$ cts.	$ cts.	$ cts.	$ cts.
3,000	900	2,100	13.73	5.00	1.00	19.73
3,500	1,050	2,450	16.02	5.83	1.17	23.02
4,000	1,200	2,800	18.31	6.66	1.33	26.30
4,500	1,350	3,150	20.60	7.50	1.50	29.60
5,000	1,500	3,500	22.88	8.33	1.67	32.88
5,500	1,650	3,850	25.17	9.17	1.83	36.17
6,000	1,800	4,200	27.46	10.00	2.00	39.46

Estimated taxes and fire insurance premium will vary according to municipal assessment, tax rate, fire protection and fire hazard.

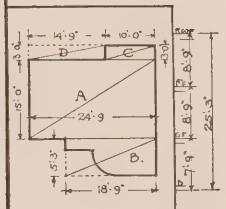
DOMINION HOUSING ACT



PERSPECTIVE

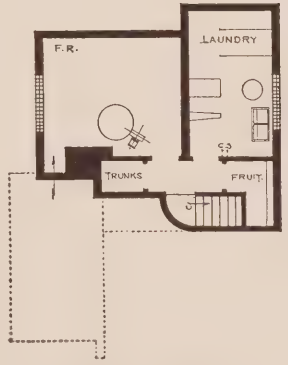


LIVING ROOM FIREPLACE

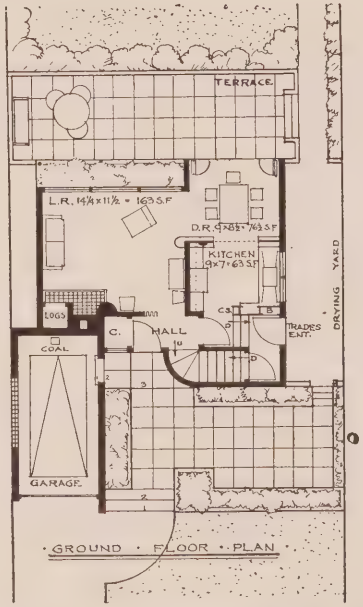


CUBAGE · TABULATION

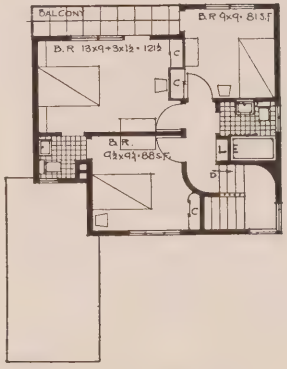
A	24¾ × 15 =	371
B	18¾ × 5¼ =	98½
C	10 × 3 =	30
		499½
D	14¾ × 3 =	44½
499½ × 25¼ =		12,612
44½ × 10 =		445
TOTAL		13,057.



BASEMENT · FLOOR



GROUND · FLOOR · PLAN



BED · RM. · FLOOR · PLAN

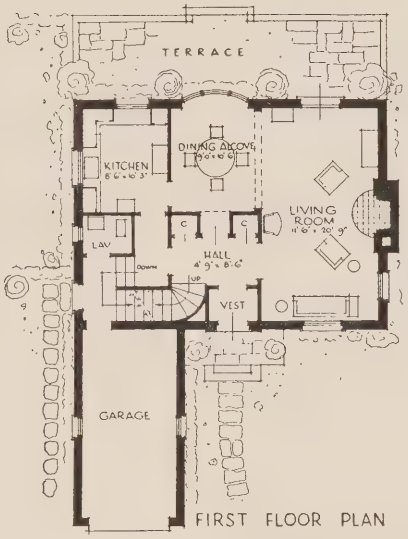
BLOCK PLAN LOT 100'×33'

W. Ralston, Architect,
16 Rowanwood Ave., Toronto, Ont.

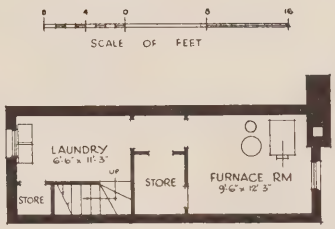
Design No. 386
(First Prize)

DOMINION HOUSING ACT

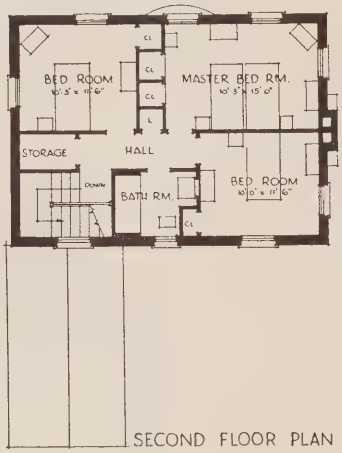
- VIEW FROM STREET -



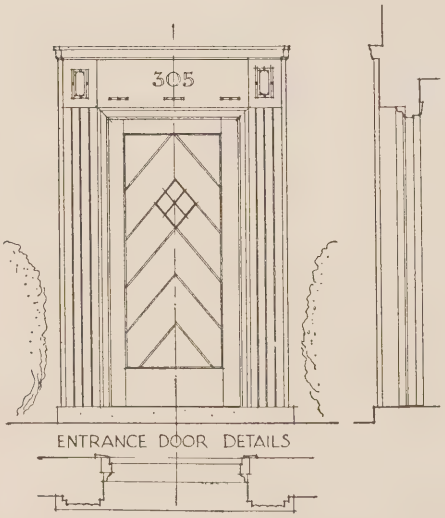
FIRST FLOOR PLAN



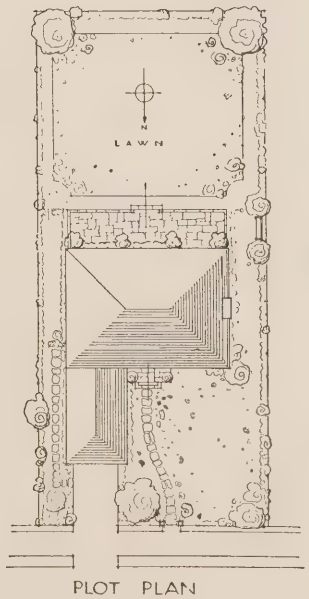
BASEMENT PLAN



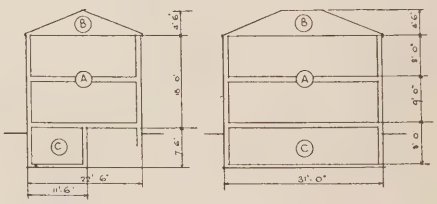
SECOND FLOOR PLAN



ENTRANCE DOOR DETAILS



PLOT PLAN



CUBAGE

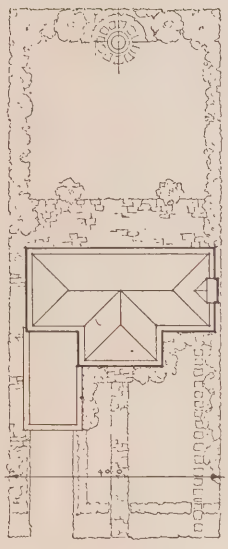
A.	31·0 × 22·5 × 18·0	=	12,546 CU. FEET
B.	$\frac{31·0 \times 22·5 \times 4·5}{2}$	=	1,573 " "
C.	31·0 × 11·5 × 7·6	=	2,685 " "
	TOTAL		16,804 " "

JOHN FISH, Architect
3540 Durocher Street, Montreal, Que.

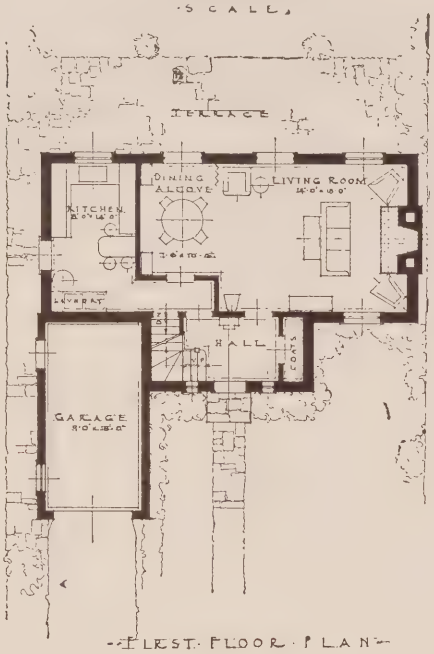
Design No. 171
(Second Prize)

DOMINION HOVSING ACT

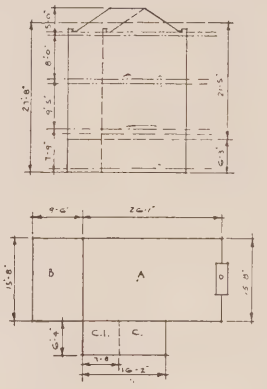
SCALE



PLOT PLAN

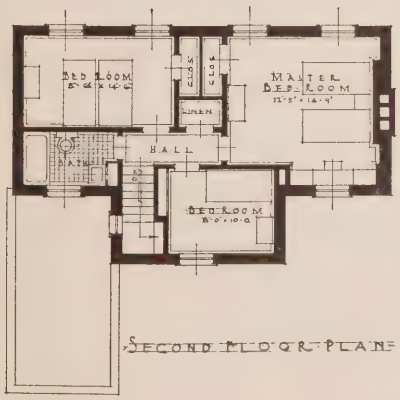


FIRST FLOOR PLAN

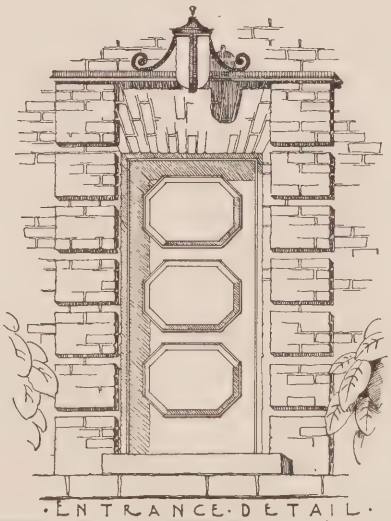


CVBAGE

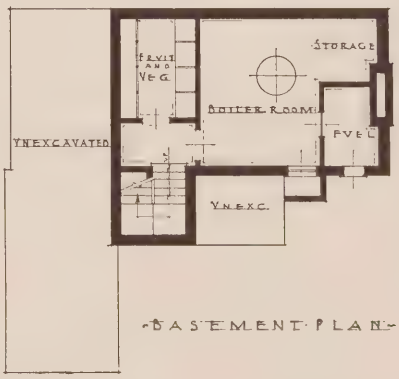
A	26-1" × 15-8" × 27-8"	11,229 0
B	9-6" × 15-8" × 21-5"	3,171 4
C	6-4" × 16-2" × 21-5"	2178 6
C1	6-3" × 7-8" × 6-4"	299 2
D	7-9" × 2-2" × 4-0"	66 9
	21-8" × 4-0" × 4"	33 1
	TOTAL CV FT	16,978 2



SECOND FLOOR PLAN



ENTRANCE DETAIL



BASEMENT PLAN

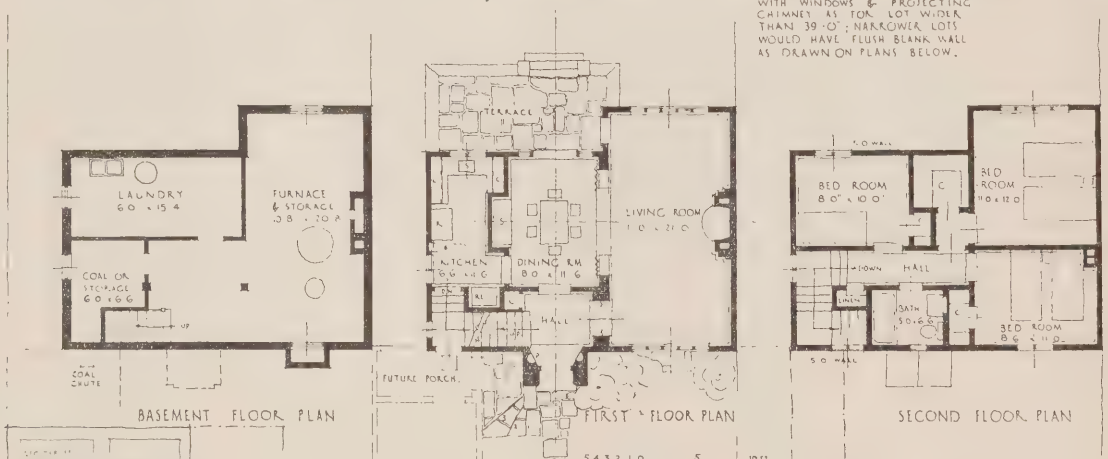
HAROLD GREENSIDES, Architect,
283 Winona Drive, Toronto, Ont.

Design No. 358
(Second Prize)

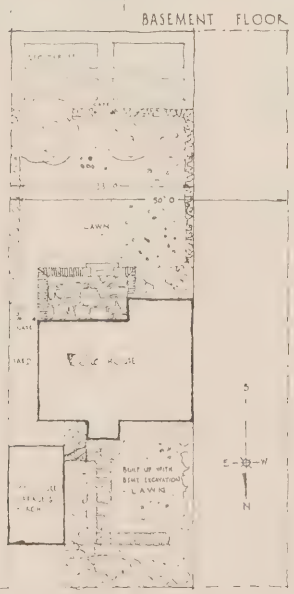
DOMINION.HOUSING.ACT.

PERSPECTIVE *from the* NORTH WEST

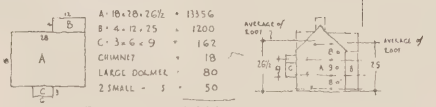
PERSPECTIVE SHOWS WEST WALL WITH WINDOWS & PROJECTING CHIMNEY AS FOR LOT WIDER THAN 39'-0"; NARROWER LOTS WOULD HAVE FLUSH BLANK WALL AS DRAWN ON PLANS BELOW.

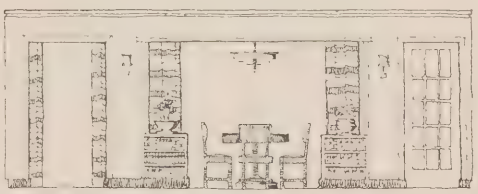


BASEMENT FLOOR PLAN — FIRST FLOOR PLAN — SECOND FLOOR PLAN

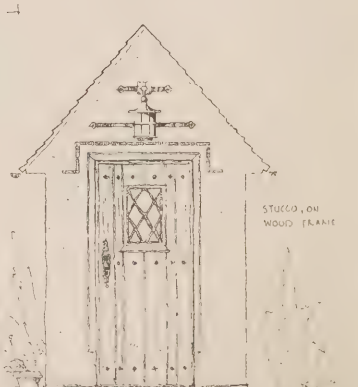


PLOT PLAN





LIVING RM WALL LOOKING TOWARD DINING RM.

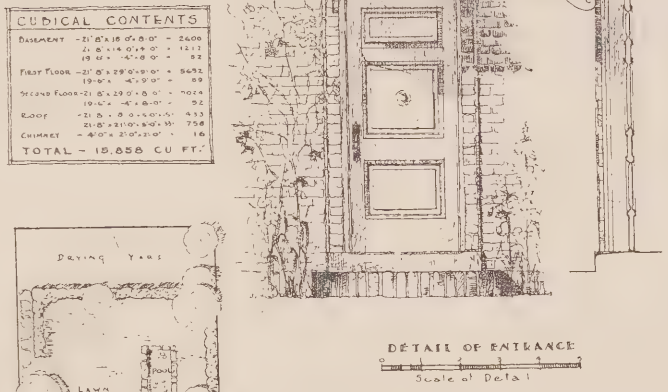


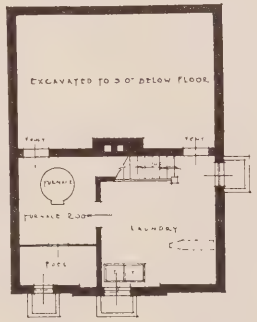
FRONT ENTRANCE

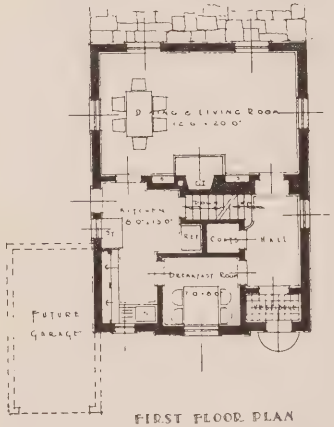
W. F. Williams, Architect,
R.R. No. 1, Nelson, B.C.

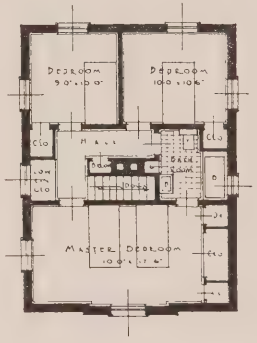
Design No. 523
(Third Prize)

DOMINION HOUSING ACT









Scale of Plans and Elevations

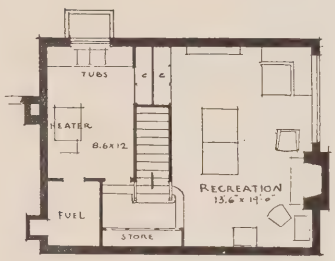
Arthur W. Davison, Architect,
15 Court House Ave., Brockville, Ont.

Design No. 419
(Third Prize)

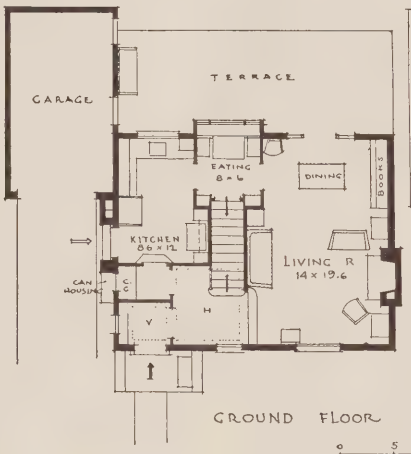
DOMINION HOUSING ACT

GARDEN ELEVATION

STREET ELEVATION

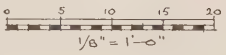


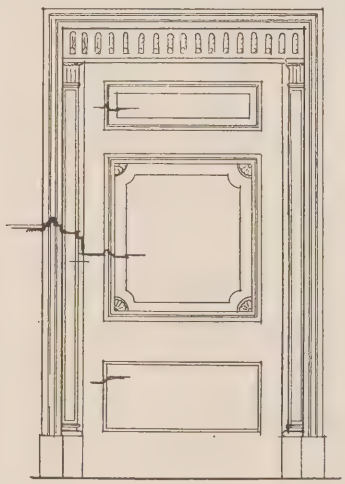
BASEMENT



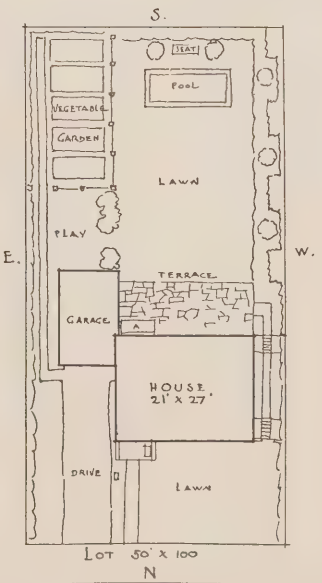
GROUND FLOOR

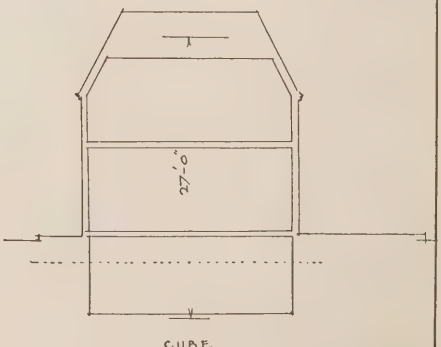
SECOND FLOOR





FRONT DOOR





CUBE

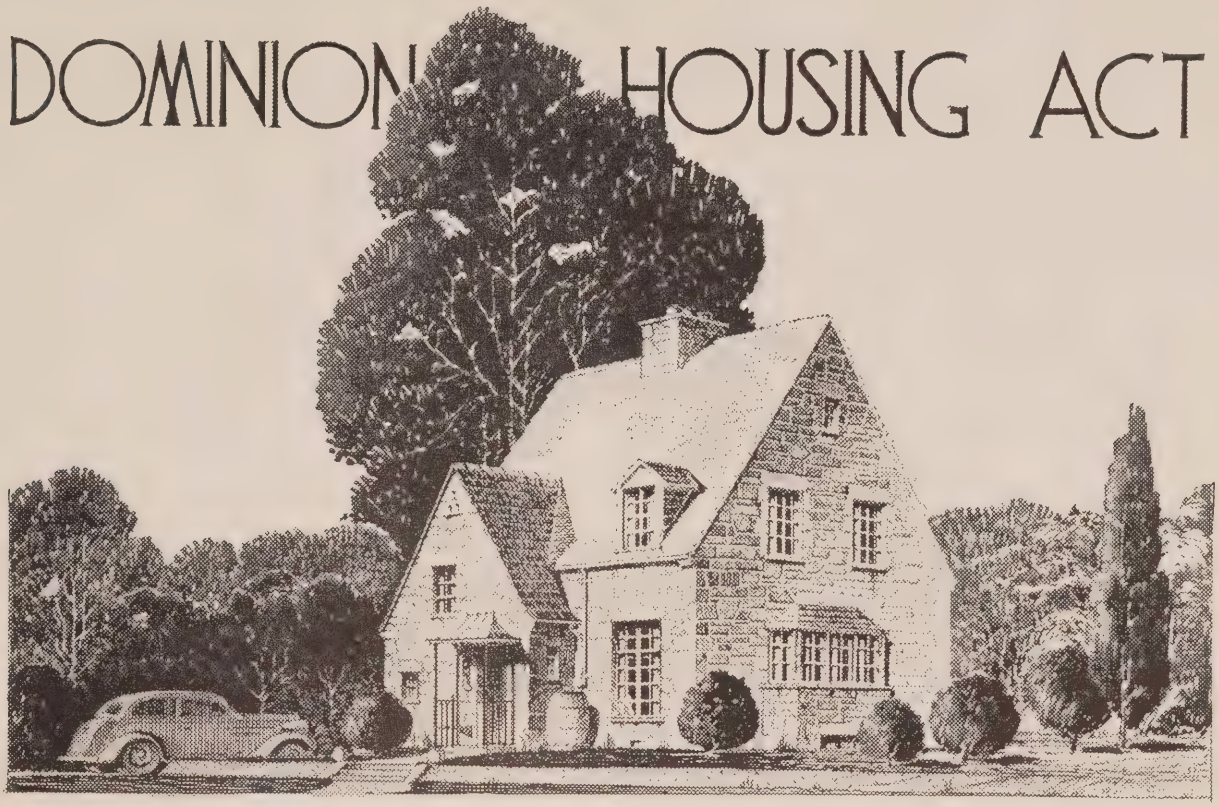
HOUSE	21' x 27' x 27	15,309
CHIMNEYS		280
DORMERS	9 x 12' (3 x 4' EACH)	108
CAN HOUSING	2 x 5 x 4	40
AREA	3 x 4 x 5	60
TOTAL		15,797

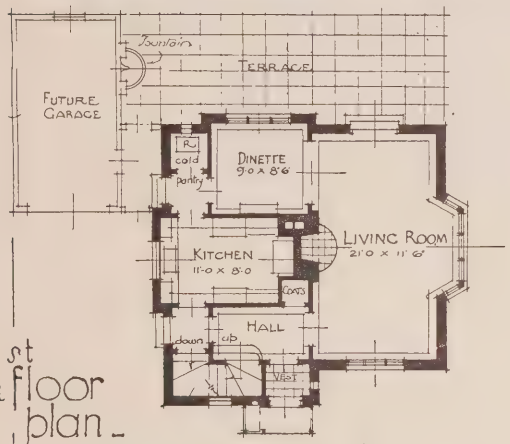
163

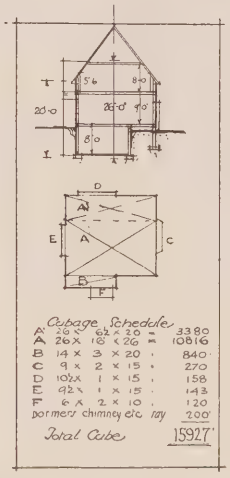
SHOREY & RITCHIE, Architects,
2048 Union Ave., Montreal, Que.

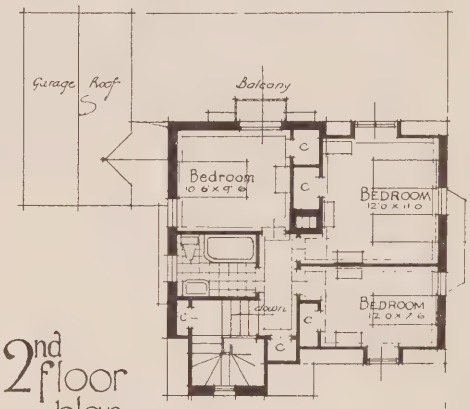
Design No. 163
(Honourable Mention)

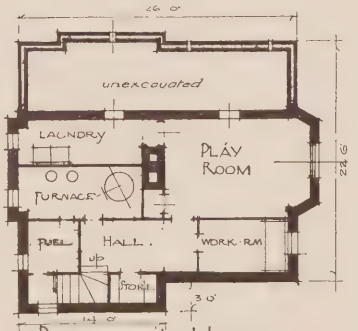
DOMINION HOUSING ACT

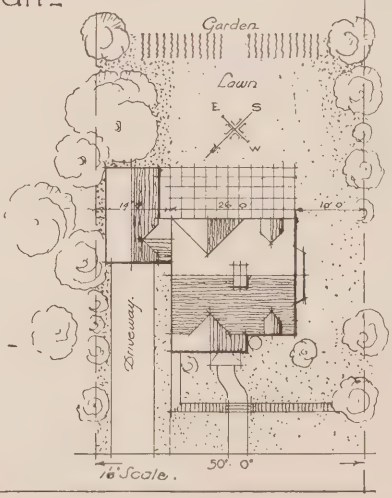








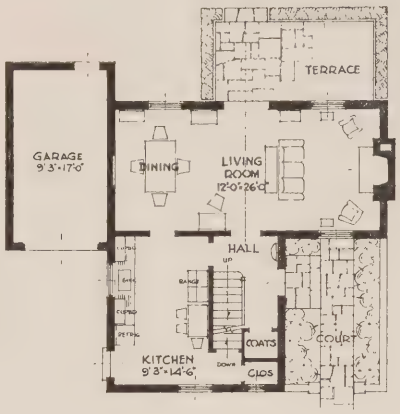




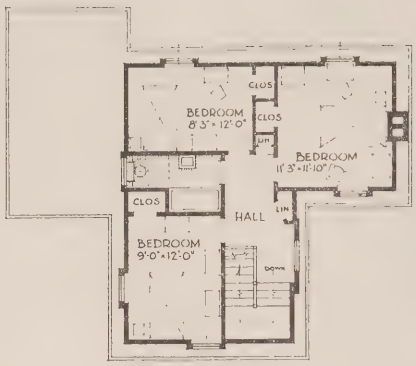
R. G. Heughan, Architect,
Dominion Square Bldg., Montreal, Que.

Design No. 184
(Honourable Mention)

DOMINION HOUSING ACT



FIRST FLOOR



SECOND FLOOR

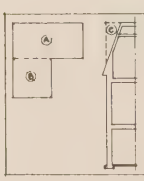
SCALE

NORTH ELEVATION

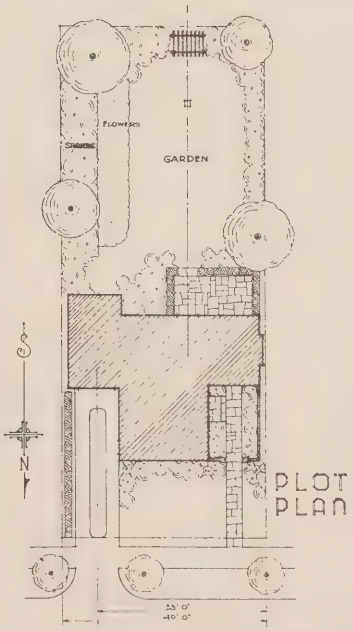
WEST ELEVATION

SECTION

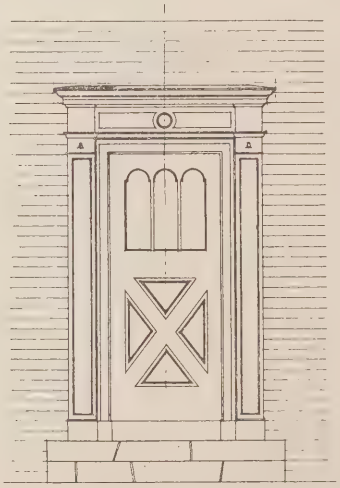
BASEMENT



CUBAGE		
"A" (18'-6" × 27'-6" × 28'-0")	-	10395
"B" (17'-6" × 15'-0" × 28'-0")	-	7350
DORMERS	-	135
CHIMNEY	-	125
		18005
LESS "C" (½ × 11'-0" × 8'-6" × 3'-0")	-	1428
TOTAL CUBAGE	-	16577



PLOT PLAN



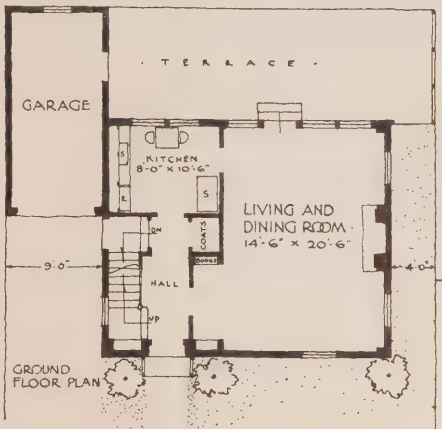
ENTRANCE DETAIL

MAURICE D. KLEIN, Architect,
74 King St. W., Toronto, Ont.

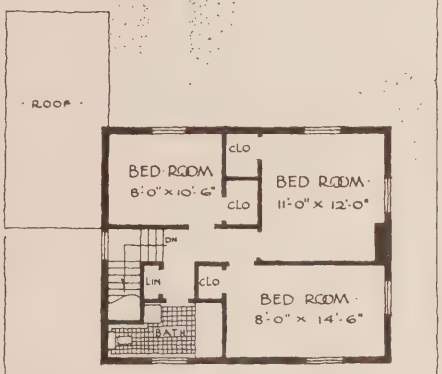
Design No. 225
(Honourable Mention)

DOMINION · HOUSING · ACT

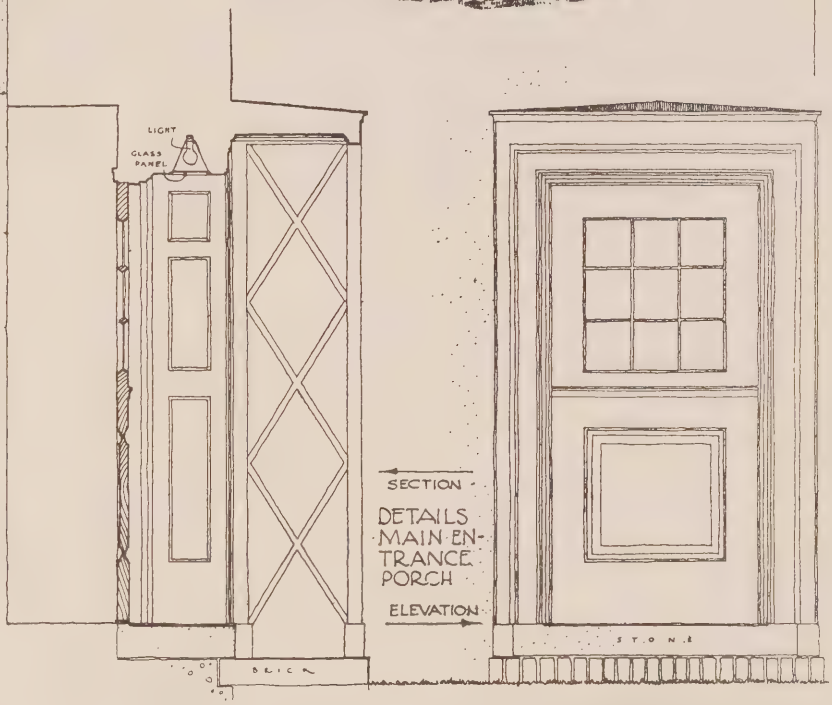
BASEMENT PLAN



GROUND FLOOR PLAN

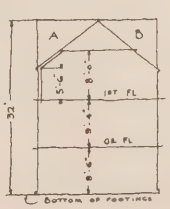


FIRST FLOOR PLAN



SCHEDULE OF CUBIC CONTENTS

AREA - 22'X27'	=	594
HEIGHT	=	32
		19.008
LESS A AND B	=	2.808
		16.200
ADD FOR DORMERS, ENTRY-PORCH, AND CHIMNEY		300
TOTAL ACTUAL CUBIC CONTENTS		16.500

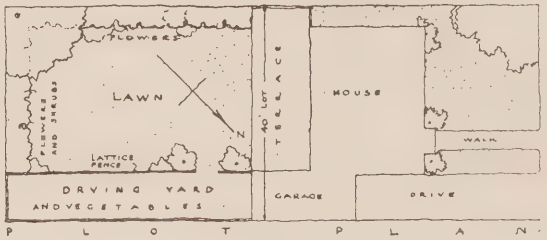


GRAPHIC SCALES IN FEET

PLOT PLAN 0 12 24 36

FLOOR PLANS 0 6 12 18

DETAIL 0 1 2 3



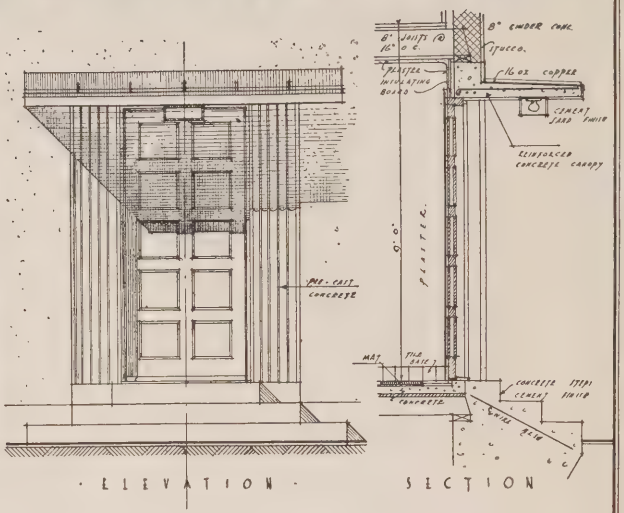
PLOT PLAN

247

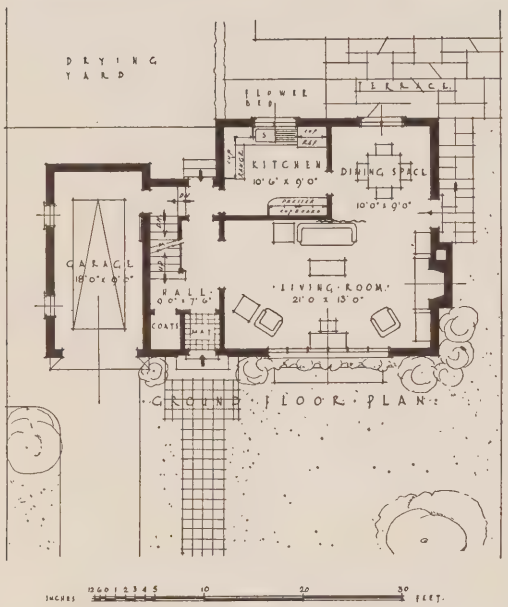
W. J. Abra, Architect,
55 Metcalfe St., Ottawa, Ont.

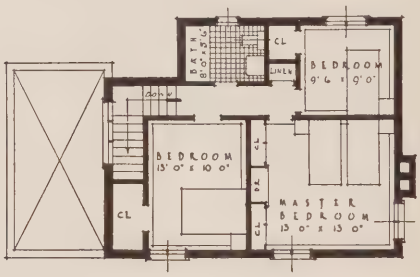
Design No. 247
(Honourable Mention)

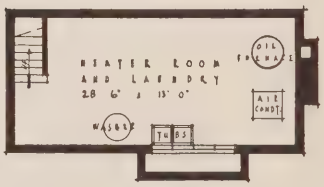
DOMINION · HOUSING · ACT

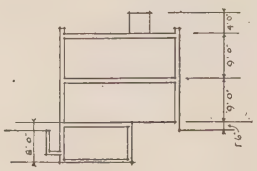


· ½ DETAIL OF MAIN ENTRANCE ·

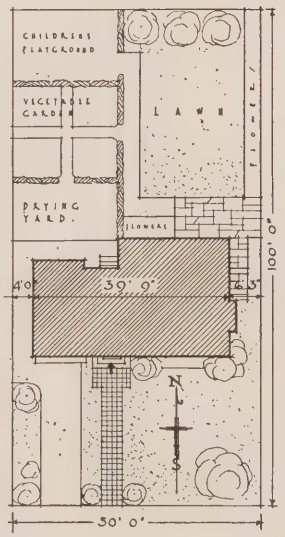








· CUBAGE · DIAGRAMS ·



· PLOT · PLAN ·

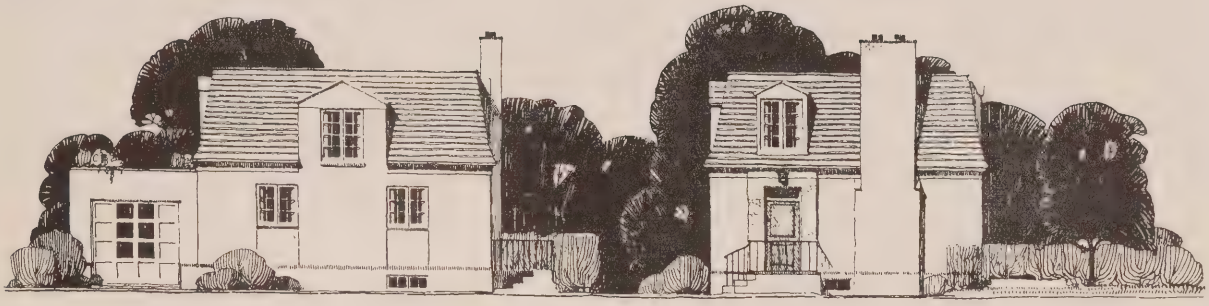
	AREA	HEIGHT	CUBE
BASEMENT	444 SQ.FT	8' 0"	3552 C.FT.
LIGHT AREA	27.5 SQ.FT	5' 0"	137.5 C.FT
UNEXCAVATED AREA BELOW GRND. FL.	240 SQ FT	1' 6"	360 C.FT
GROUND FLOOR	684 SQ.FT.	9' 0"	6156 C.FT.
SECOND FLOOR	680.5 SQ.FT	9' 0"	6124.5 C.FT
CHIMNEY ABOVE ROOF.	8 SQ.FT.	4' 0"	32. C.FT.
TOTAL CUBE			16,362 C.FT.

· CUBAGE · TABULATION ·

H. Gordon Hughes, Architect,
172 Wellington St., Ottawa, Ont.

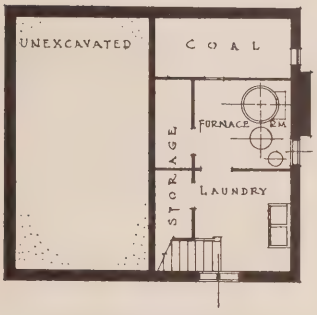
Design No. 300
(Honourable Mention)

DOMINION HOUSING ACT

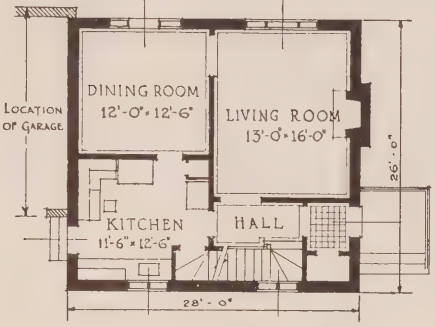


NORTH ELEVATION WEST ELEVATION

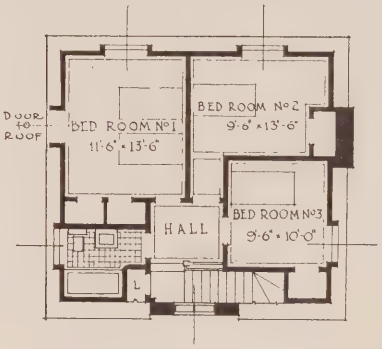
5 0 5 10 15 20



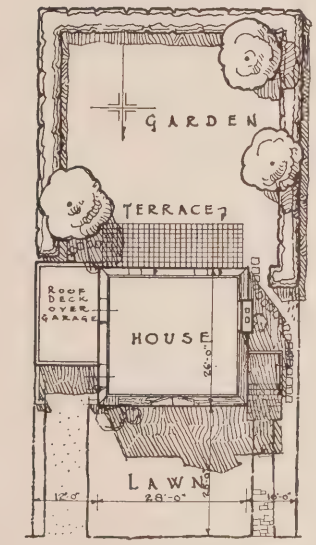
BASEMENT



GROUND FLOOR

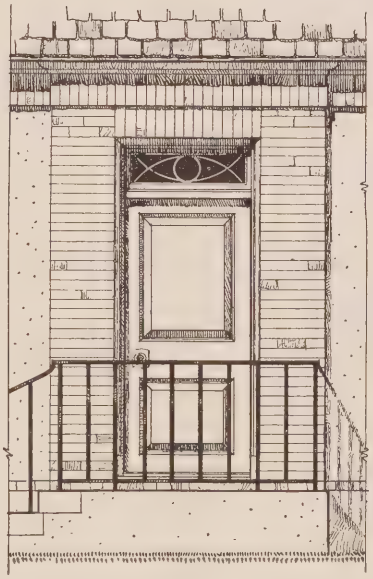


SECOND FLOOR



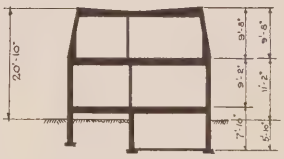
PLOT PLAN

10 0 10 20 30



FRONT ENTRANCE DETAIL

1 0 1 2 3 4



CUBIC CONTENTS

Roof	5,530
Grade to Eaves	8,140
Basement	2,190
Dormers	105
Chimney	185
Pr'j't'n of Cornice	50
Cube of House	16,200
Garage	2,200
	18,400

306

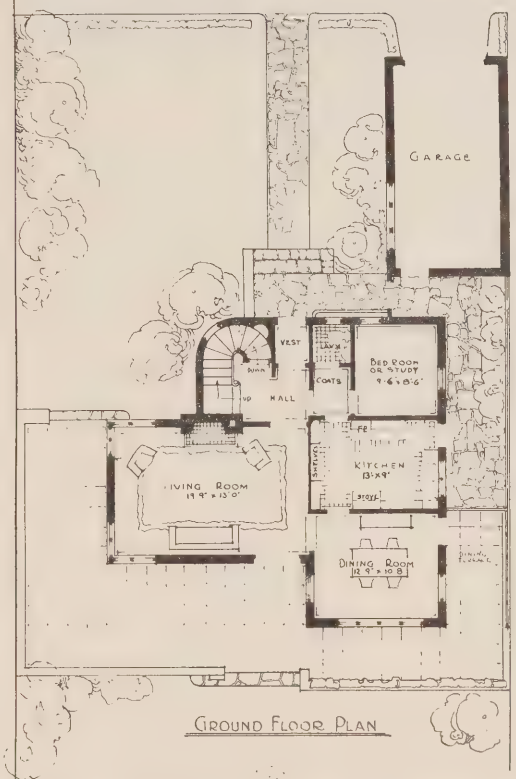
Richard E. Bolton, Architect,
1178 Phillips Place, Montreal, Que.

Design No. 306
(Honourable Mention)

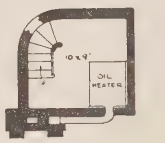
DOMINION HOUSING ACT

SOUTH ELEVATION.

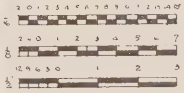
NORTH ELEVATION



GROUND FLOOR PLAN

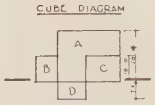


BASEMENT



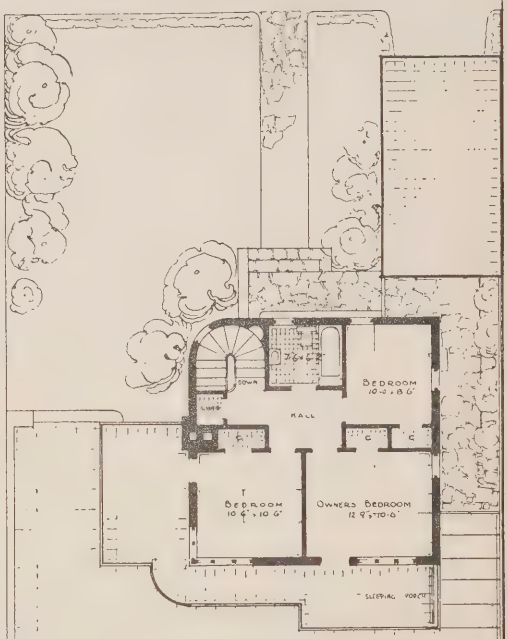
PLAN

CUBE DIAGRAM

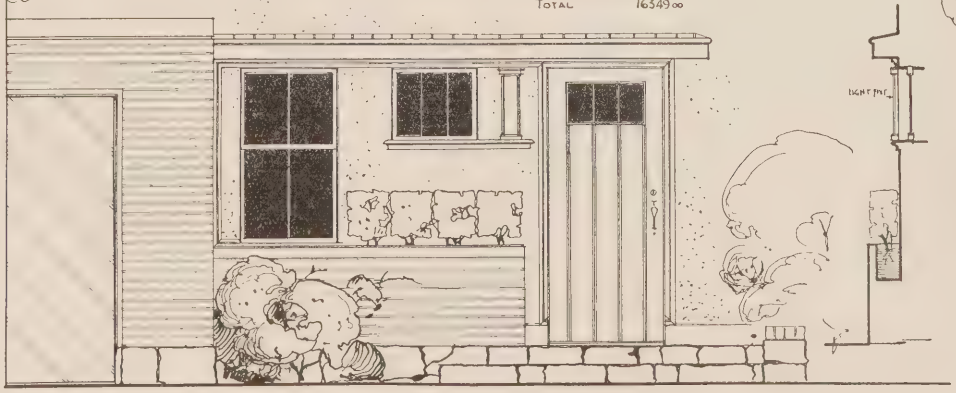


ELEVATION

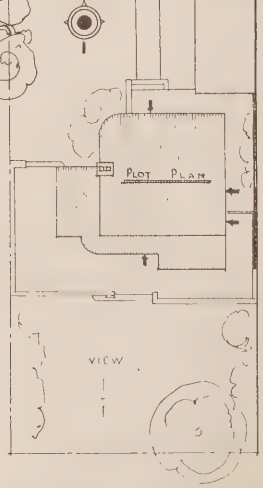
CUBIC CONTENTS.	
Block A	12941 25
Block B	1409 40
Block C	1000 35
Block D	924 00
Chimney	48 00
Balcony & Projections	26 00
Total	16349 00



BEDROOM FLOOR PLAN



DETAIL OF FRONT.



325

LORNE E. MARSHALL, Architect,
1019 Canada Cement Bldg., Montreal, Que.

Design No. 325
(Honourable Mention)

DOMINION HOUSING ACT

·CUBIC·CONTENTS·

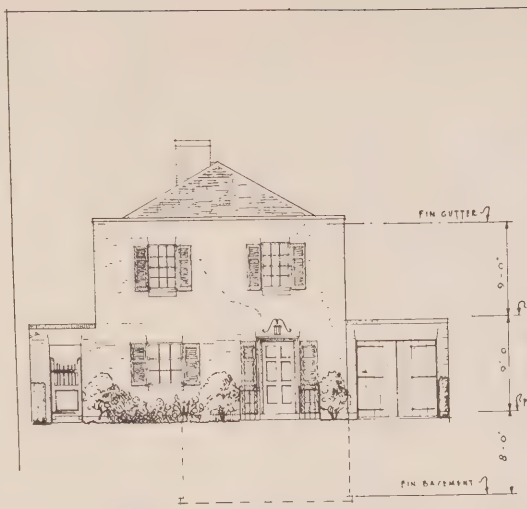
·HOUSE·		
AREA·24'-0"x25'-0"	= 600 sq ft	
HEIGHT (from underside of floor joist to ½ height of roof)	22'-6"	
CUBIC·CONTENTS·	=	13,500 cu ft.
EXCAVATED·PORTION·		
AREA·12'-0"x15'-6"	= 186 sq ft.	
HEIGHT·BASEMENT ONLY·7'-0"		
CUBIC·CONTENTS·	=	1302 cu ft.
TOTAL·CUBIC·CONTENTS·=		14802 cu ft.
GARAGE·(NOT·INCLUDED)	10'-6"x20'-6"x9'-6"	1045 cu ft.

·SCALES·

BLOCK·PLAN·

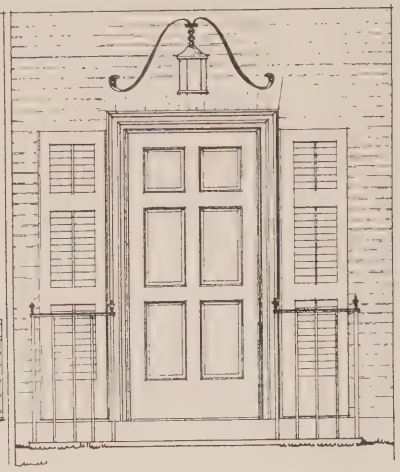
PLANS·

DETAIL·

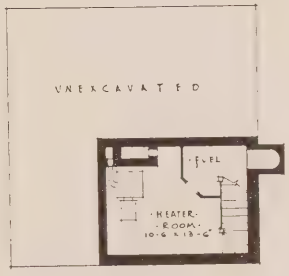


·EAST· ELEVATION

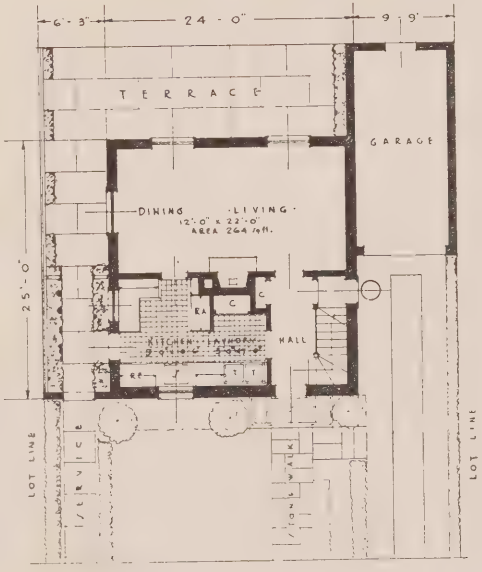
·WEST· ELEVATION



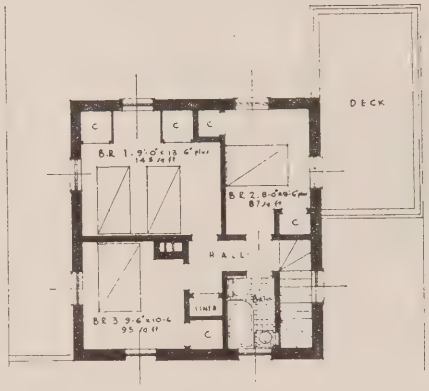
·DETAIL·OF·MAIN·ENTRANCE·



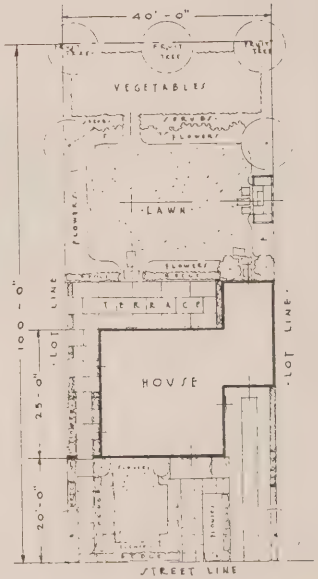
·BASEMENT·PLAN·



FIRST·FLOOR·PLAN·



SECOND·FLOOR·PLAN·

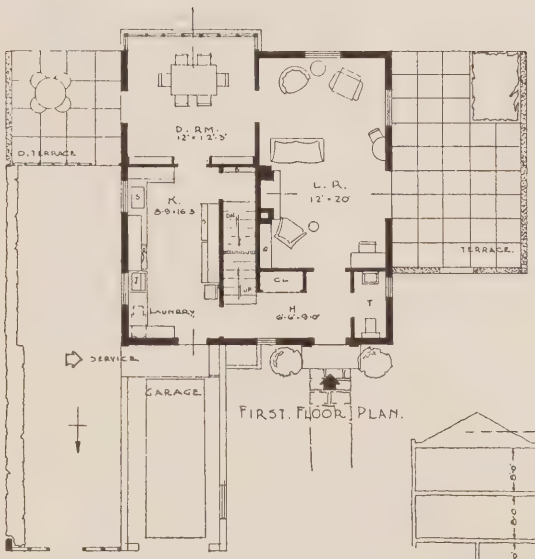


BLOCK PLAN·

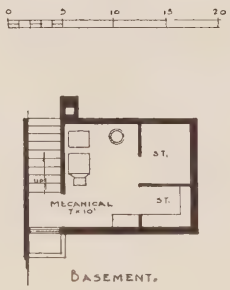
P. Alan Deacon, Architect,
Downsview P.O., Ont.

Design No. 495
(Honourable Mention)

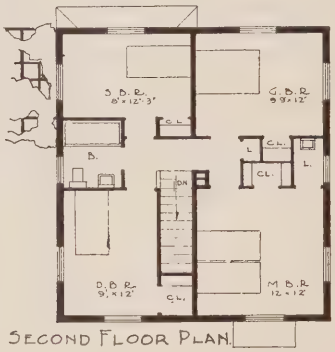
DOMINION HOUSING ACT



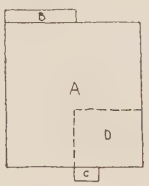
FIRST FLOOR PLAN.

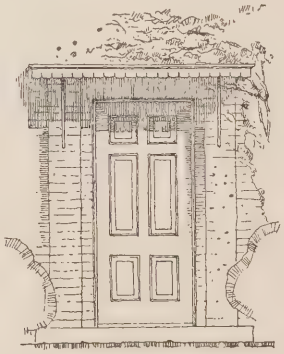


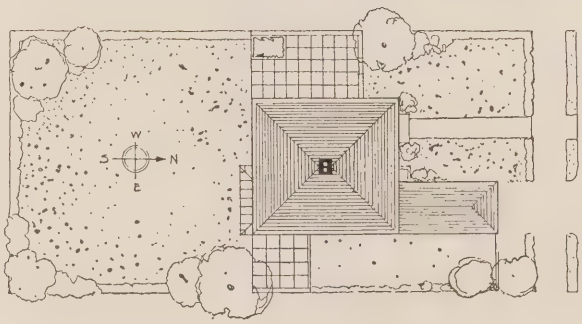
BASEMENT.



SECOND FLOOR PLAN.



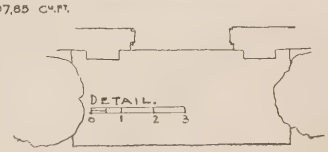




PLOT PLAN.
0 10 20

CUBAGE

A - MAIN HOUSE.	26 x 28 x 21 =	15288.
D - BAY WINDOW.	2 x 15.6 x 12 =	324.
C - AREA.	2.5 x 5.6 x 3.5 =	25.6
D - BASEMENT	11 x 16.6 x 7.6 =	1360.25
TOTAL =		16997.85 CU.FT.



469

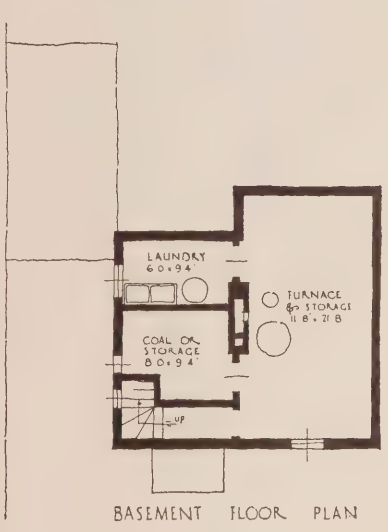
A. H. TREMBLAY, Architect,
70-6th Street, Limoilou, Que.

Design No. 469
(Honourable Mention)

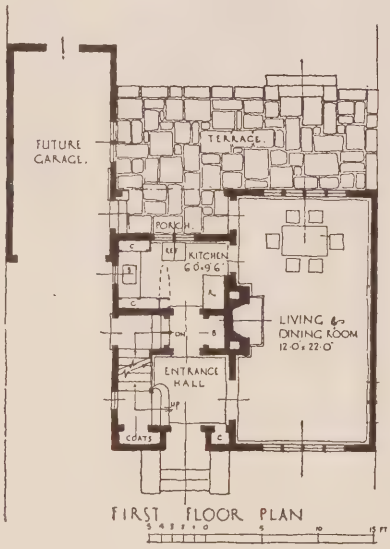
DOMINION HOUSING ACT

STREET ELEVATION

GARDEN ELEVATION.

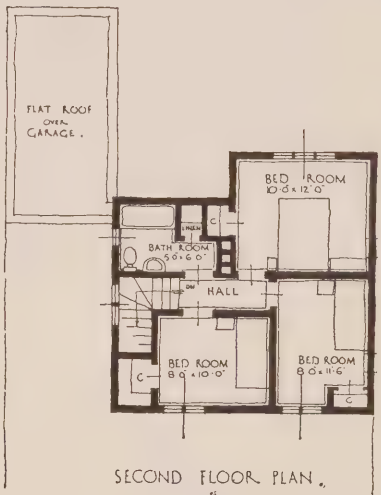


BASEMENT FLOOR PLAN

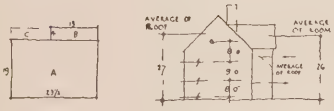


FIRST FLOOR PLAN

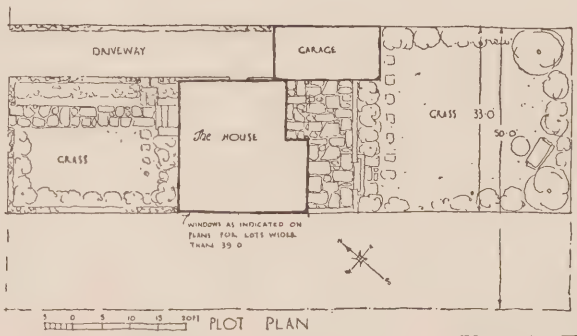
SCALE of PLANS & ELEVATIONS



SECOND FLOOR PLAN.



A = 19 x 23½ x 27	=	12056
B = 4 x 13 x 26	=	1352
C = 4 x 10½ x 11½	=	518
CHIMNEY	=	40
2 DORMERS	=	63
TOTAL CUBAGE	=	14029 CUB. FEET.



PLOT PLAN

MAIN ENTRANCE

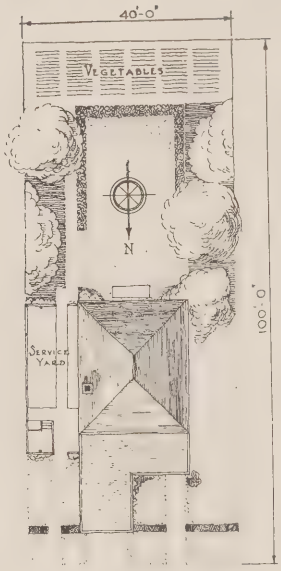
524

W. F. Williams, Architect,
R.R. No. 1, Nelson, B.C.

Design No. 524
(Honourable Mention)

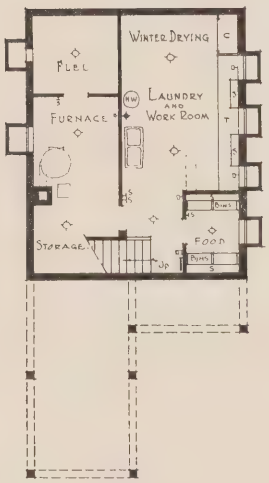
DOMINION·HOUSING·ACT

STREET ELEVATION

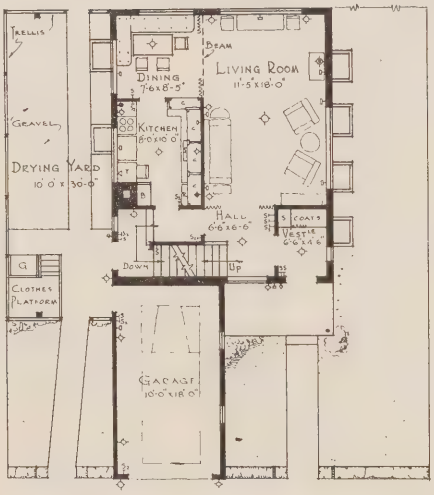


LOT PLAN

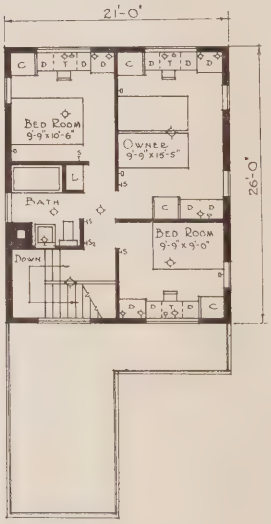
GARDEN ELEVATION



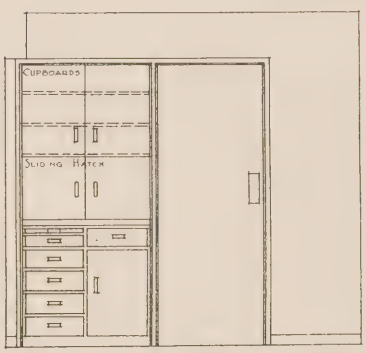
BASEMENT



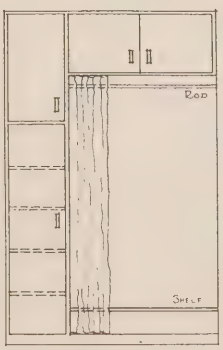
FIRST FLOOR



SECOND FLOOR



DINING NOOK



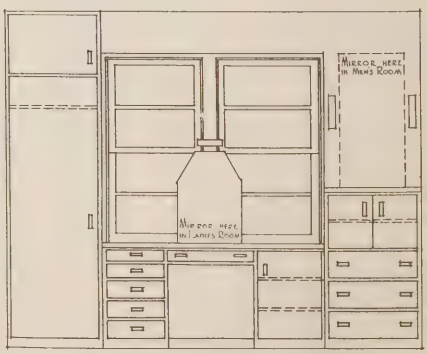
VESTIBULE

SCALE

0 5 10 15 20

CUBAGE

MAIN PART OF HOUSE		
21 X 26 X 28	=	15288
LIGHT WELLS		
3 X 2 X 2 X 6	=	72
CHIMNEY ABOVE ROOF		
1·5 X 1·5 X 5·5	=	12
COVERED PORCH		
10 X 10 X 5	=	500
TOTAL	=	15872



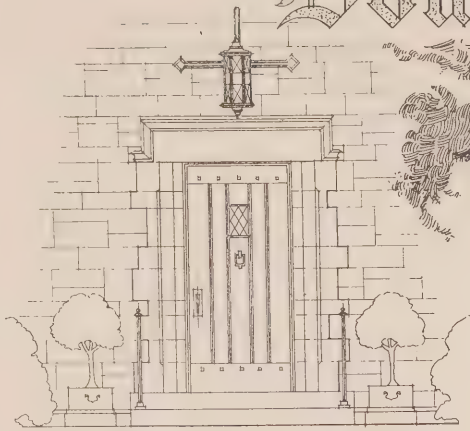
BUILT-IN BEDROOM FURNITURE

22

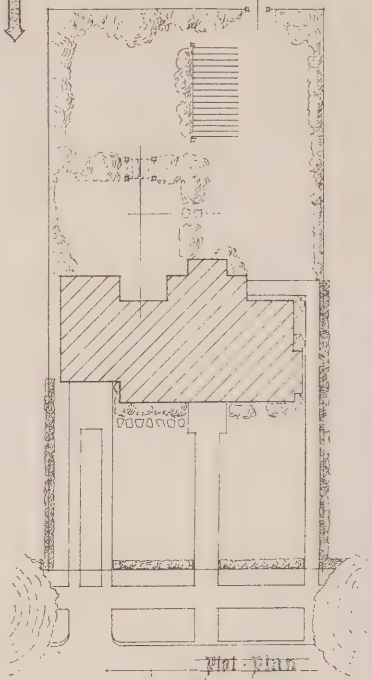
PETER DOBUSH, Architect,
112 Barber St., Winnipeg, Man.

Design No. 22

Dominion Housing Act



Detail of Entrance

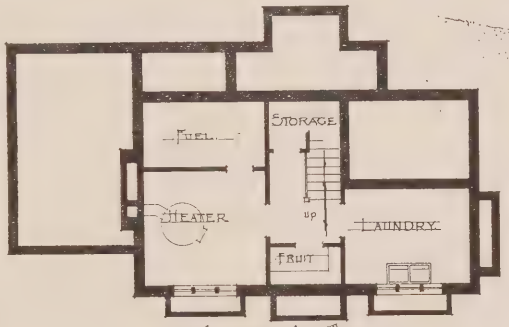


Plot Plan

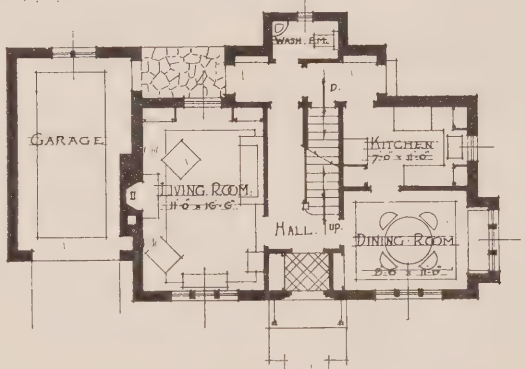
ENTRANCE

PLOT PLAN. 0 10 20 30 40

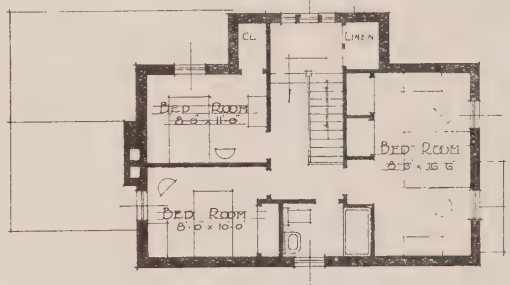
FLOOR PLANS. 0 5 10 15 20



Basement Plan



First Floor Plan



Second Floor Plan

Bottom of Excav. to Grade	7'-0"	Heights.
Grade to First Floor	1'-0"	
First Fl. to Second Fl.	9'-0"	
Second Fl. To Roof At Wall	5'-0"	
Roof at Wall To Ridge	10'-0"	
Excavated Area	481 Sq. Ft.	Areas.
Area of First Floor	660 Sq. Ft.	
Area of Second Floor	623 Sq. Ft.	
Area at Base of Roof Slope	558 Sq. Ft.	

Cubic Contents:

Basement	481	x 7	=	3367
First Floor	660	x 10	=	6600
Second Floor	623	x 5	=	3115
Attic	558	x 5	=	2790
Front Gable	13	x 21	=	273
Rear Dormers	48	+ 250	=	298
Chimney	12.5	x 10	=	125
		Total Cubage	=	16568

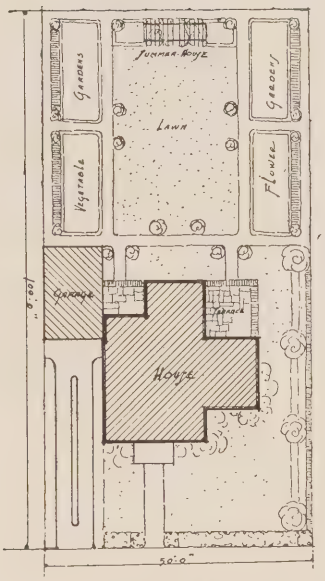
29

J. W. Leighton, Architect,
392 Central Ave., London, Ont.

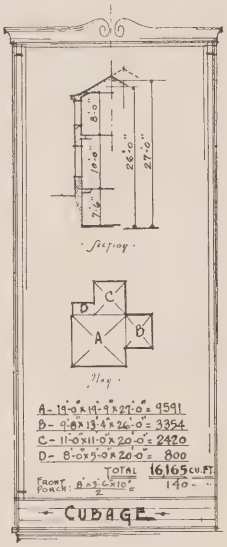
Design No. 29

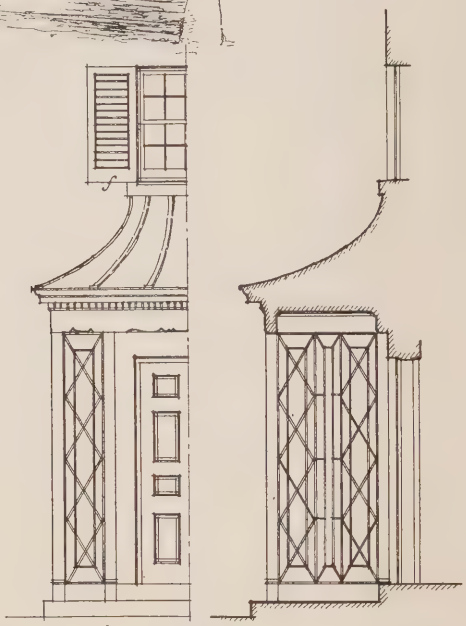
DOMINION HOUSING ACT

PERSPECTIVE

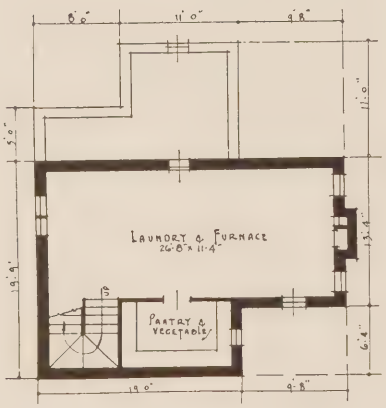


PLOT PLAN
Scale 1/16" = 1'-0"

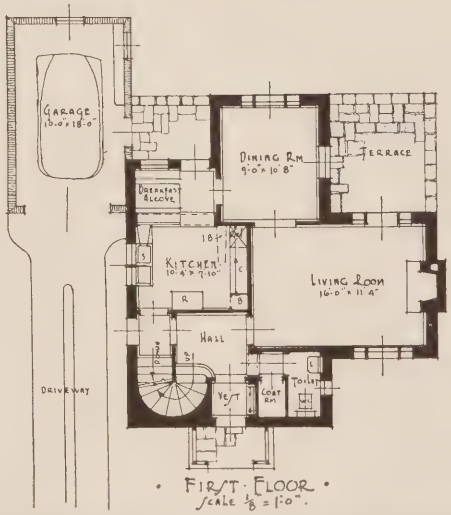




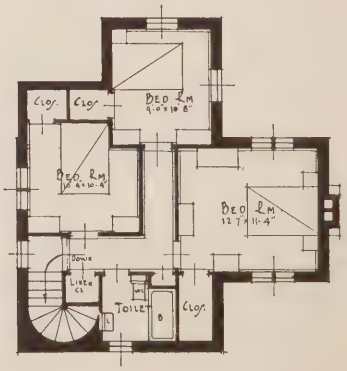
HALF ELEVATION
MAIN ENTRANCE DETAILS
SECTION
Scale 1/8" = 1'-0"



BASEMENT



FIRST FLOOR
Scale 1/8" = 1'-0"



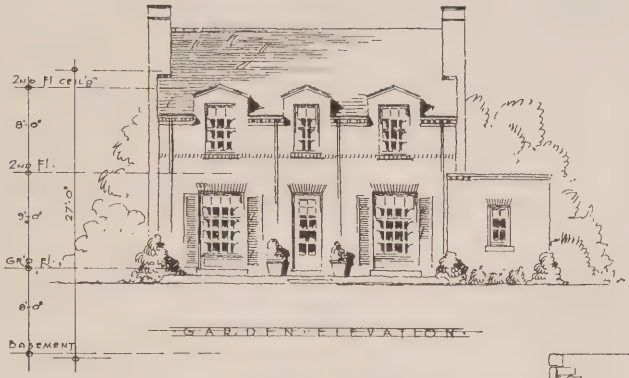
SECOND FLOOR

67

J. H. Lascelles, Architect,
10753 Berrie St., Montreal, Que.

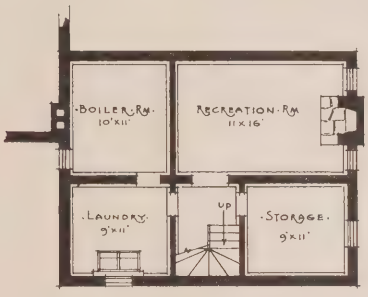
Design No. 67

DOMINION HOUSING ACT

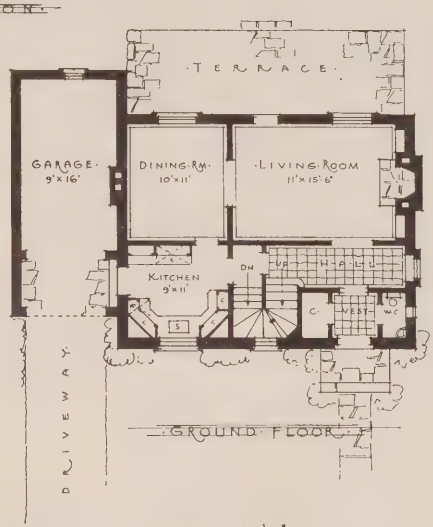


GARDEN ELEVATION.

STREET ELEVATION.

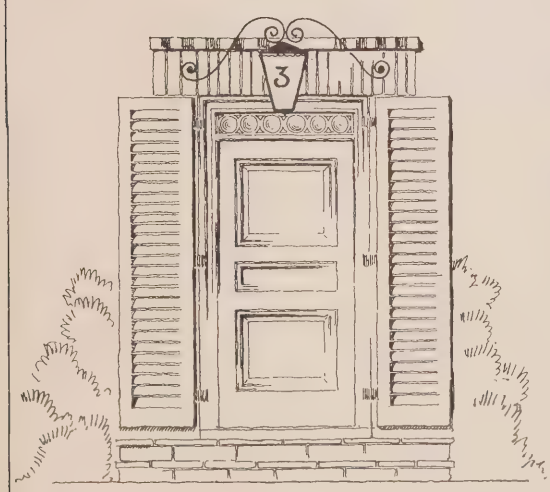


BASEMENT FLOOR.

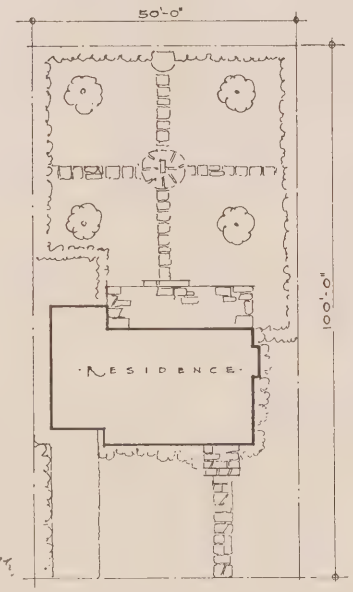


GROUND FLOOR.

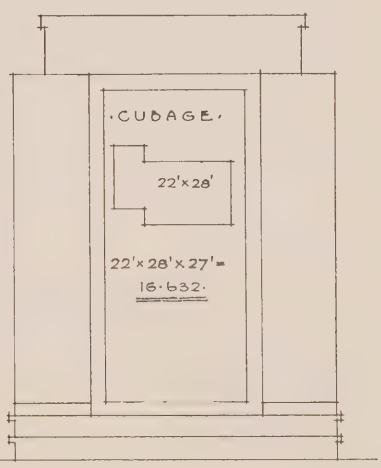
SECOND FLOOR.



FRONT ENTRANCE.
SCALE = ½"=1'-0"



PLOT PLAN.
SCALE 1/16"=1'-0"



CUBAGE DIAGRAM.

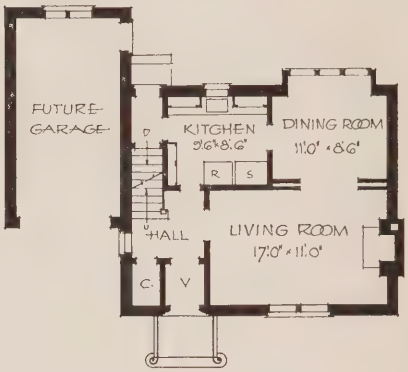
81

HAROLD JAMES SAVAGE, Architect,
9 Sultan Street, Toronto, Ont.

Design No. 81

DOMINION HOUSING ACT

SECOND FLOOR PLAN

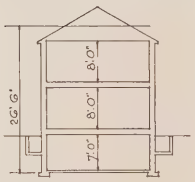


FIRST FLOOR PLAN

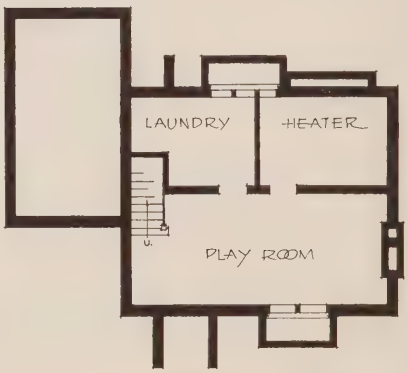
DETAIL OF ENTRANCE

0 1 2 3 4 5 6

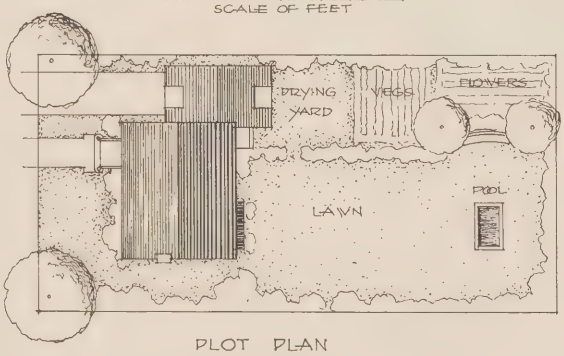
SCALE OF FEET



HOUSE · 22 · 26·5 · 28	16,324·0
BAY · 9 · 1·5 · 11	148·5
CHIMNEY · 4 · · 5 · 32	64·0
2·5 · 1·5 · 2	7·5
AREAS · 2(3·8·4)	192·0
TOTAL CUBAGE	16,736·0



BASEMENT PLAN



PLOT PLAN

0 5 10 15 20 25 30

SCALE OF FEET

REAR ELEVATION

0 5 10 15 20

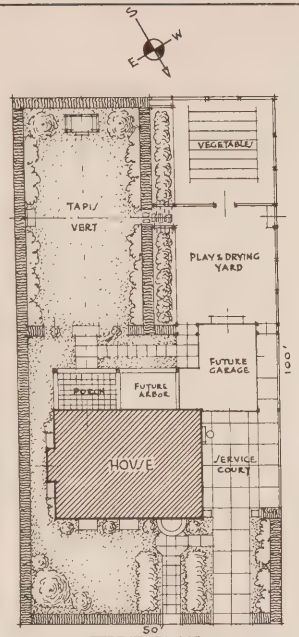
SCALE OF FEET FOR PLANS AND ELEVATION

82

O. Roy Moore & Co., Architects,
489 Richmond Street, London, Ont.

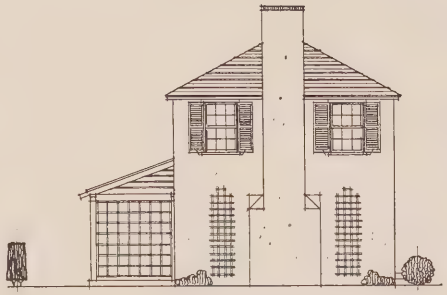
Design No. 82

· DOMINION · HOUSING · ACT ·



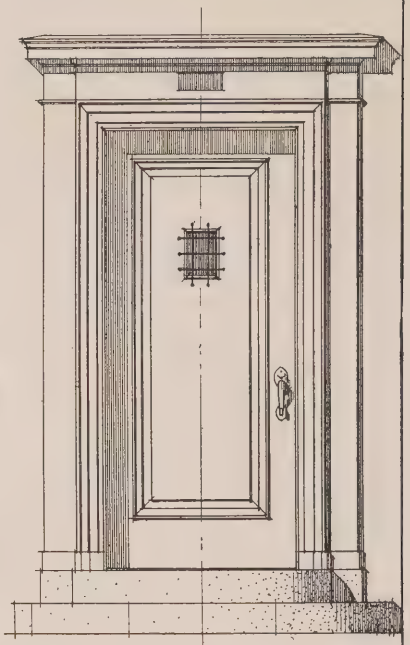
· PLOT · PLAN ·

SCALE 10 5 0 10 30 FT.

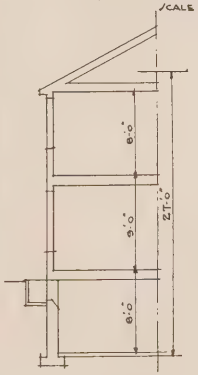


· SIDE · ELEVATION ·

· FRONT · ELEVATION ·

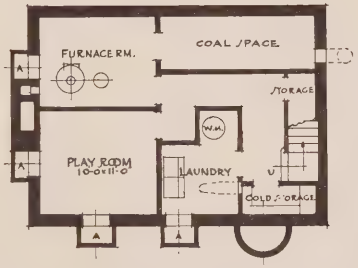


· ELEVATION ·

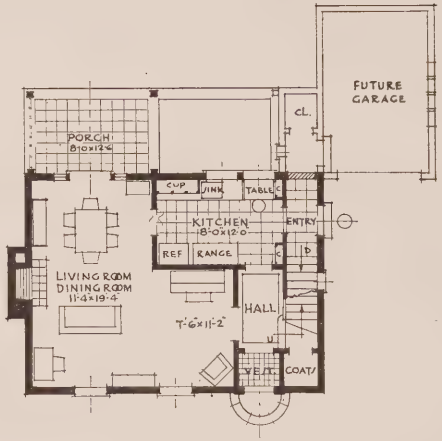


CUBAGE

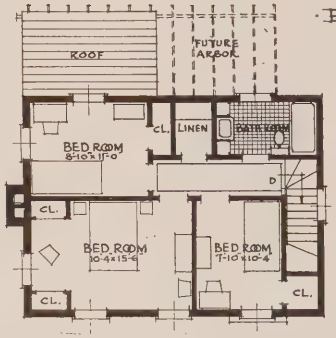
HOUSE 21·0×28·6×27·0 = 16159
PORCH 8·0×12·6×8·0÷2 = 450
CHIMNEY = 293
AREAS ETC. = 80
TOTAL 16982 C.F.



· BASEMENT · PLAN ·

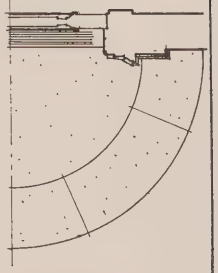


· GROUND · FLOOR · PLAN ·



· FIRST · FLOOR · PLAN ·

SCALE 10 5 0 10 30 30 FT.



· THREE · QUARTER · INCH · DETAIL · OF · ENTRANCE · DOOR ·

99

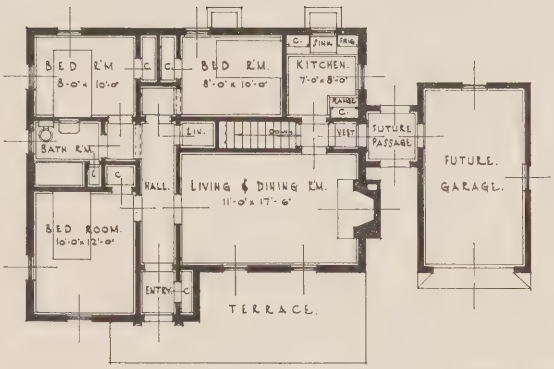
WILLFORD A. GAGNON, Architect,
2039 Mansfield, Montreal, Que.

Design No. 99

DOMINION HOUSING ACT

FRONT ELEVATION

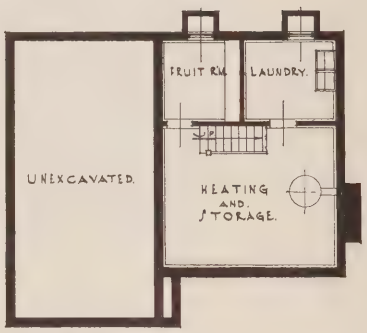
SIDE ELEVATION.



FIRST FLOOR PLAN.

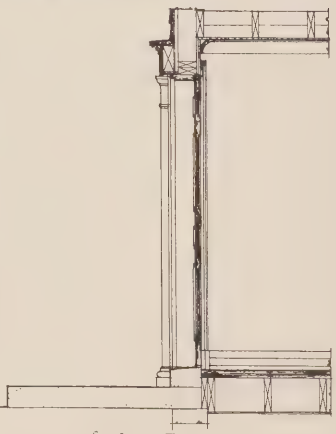
PLANS AND ELEVATIONS.

0. 2. 4. 6. 8. 10. 12. 14.

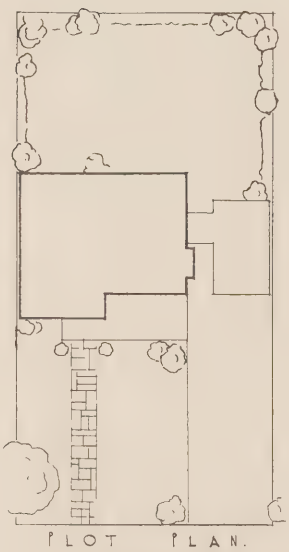


BASEMENT PLAN

ELEVATION

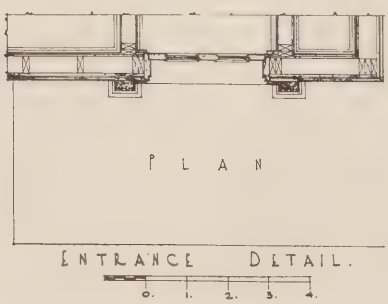


SECTION



PLOT PLAN.

0. 5. 10. 15. 20. 25



PLAN

ENTRANCE DETAIL.

0. 1. 2. 3. 4.

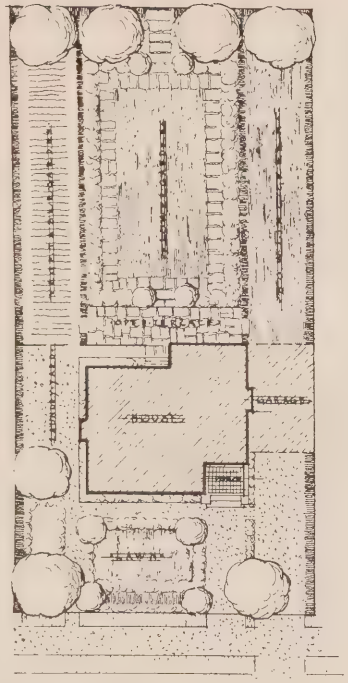
CUBAGE.

FIRST FLOOR.	=	13,071·34
33 x 25·83 x 15	=	11,795·85
17 x 4·83 x 13·5	=	1,118·49
CHIMNEY		
5·5 x 1·5 x 8	=	66.
3·5 x 2 x 13	=	91.
BASEMENT FLOOR.	=	3,088·87
24 x 18·5 x 6·83	=	3,032·52
CHIMNEY		
5·5 x 1·5 x 6·83	=	56·35
TOTAL CUBAGE	=	16,160. cu. ft.

SAMUEL KOHN, Architect,
Bank of Toronto Chambers, London, Ont.

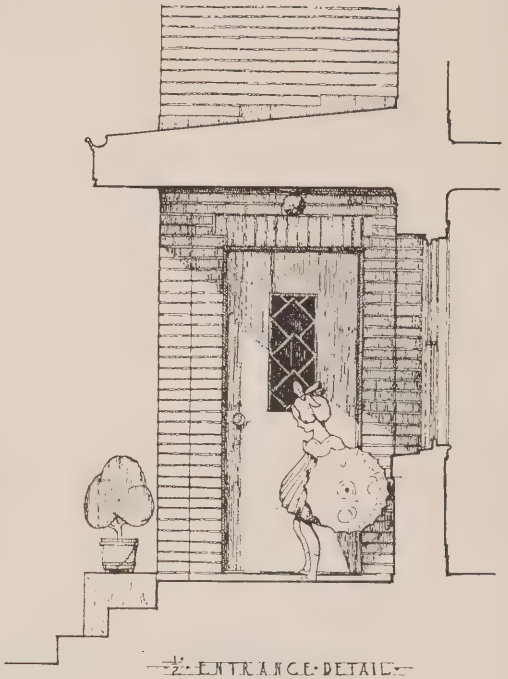
Design No. 88

-DOMINION-HOUSING-ACT-



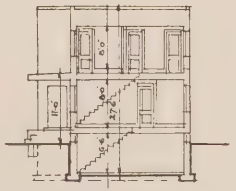
PLOT PLAN

PERSPECTIVE

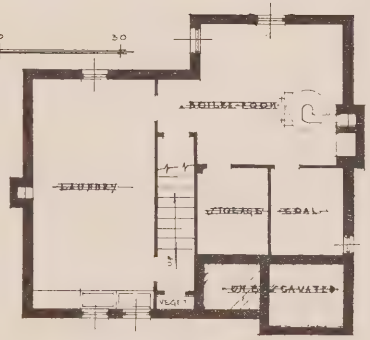


ENTRANCE DETAIL

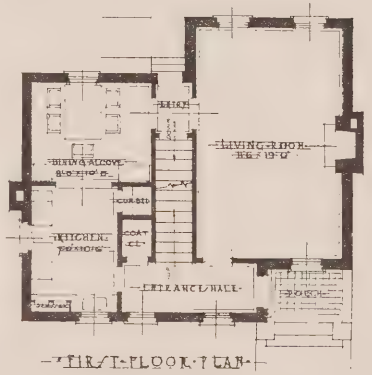
SCALE OF PLANS



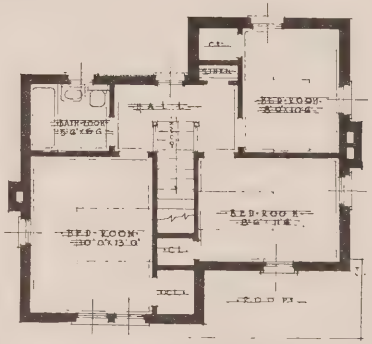
SECTION



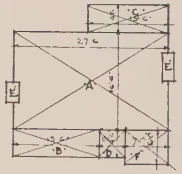
BASEMENT PLAN



FIRST FLOOR PLAN



SECOND FLOOR PLAN



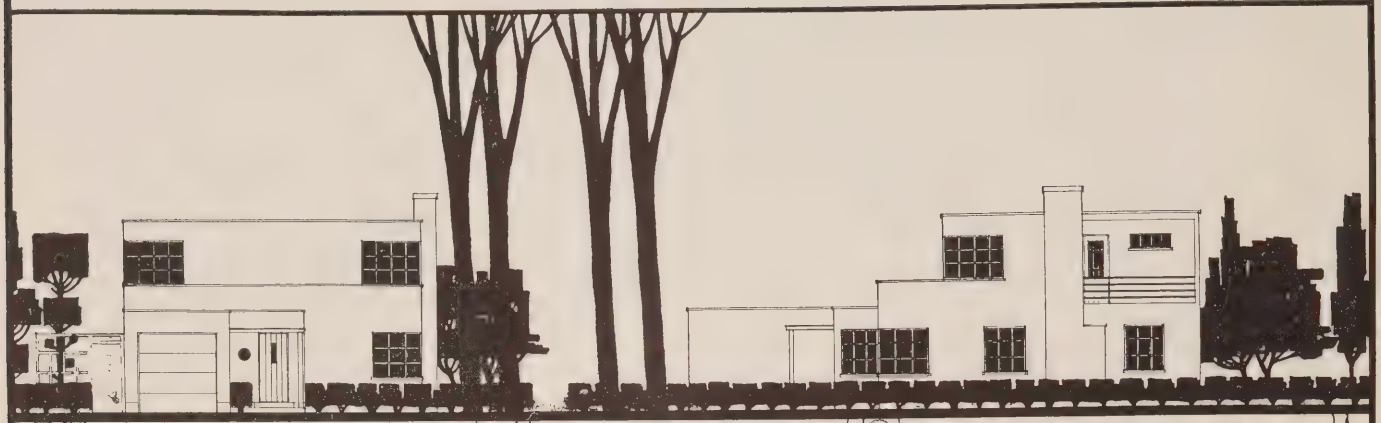
CUBIC CONTENTS

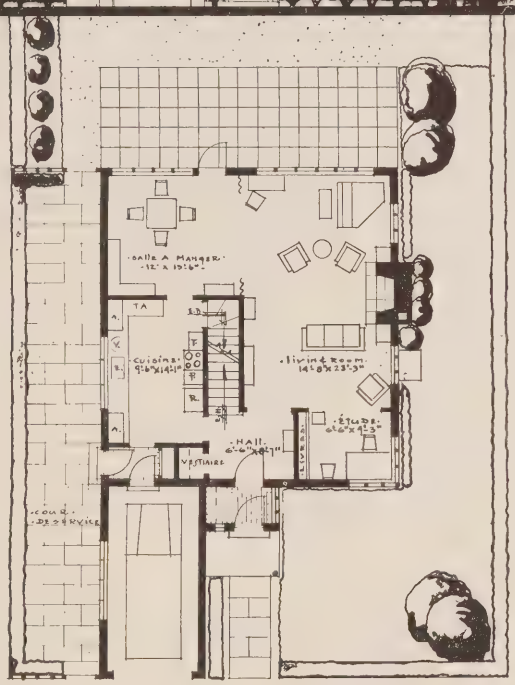
TOTAL CUBAGE 16780-0

Maurice Payette, Architect,
477 St. Francois Xavier Street, Montreal, Que.

Design No. 122

LOI DU LOGEMENT DU DOMINION





CALCUL DU CUBE
DÉTAILS

1ère PLANCHER

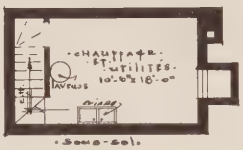
A	50'X32'X9'	8640
B	4'-6"X8'X4'	324
B'	4'-8"X7'-6"X4'-10"X½"	65

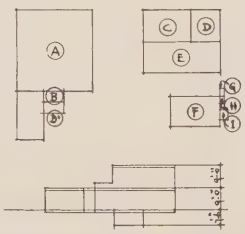
2ème PLANCHER

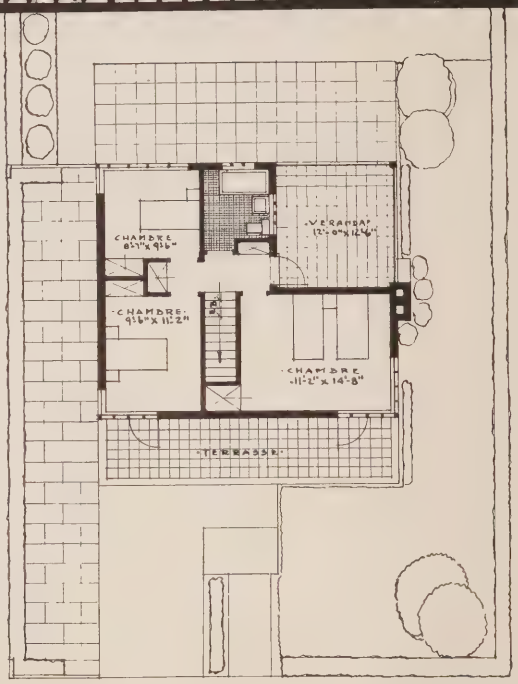
C	12'-6"X18'X9'	2025
D	12'X12'-6"X9'X½	337.5
E	15'X30'X9'	3510

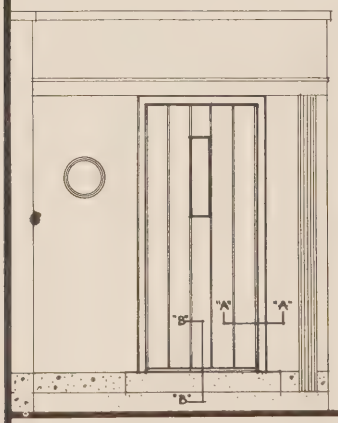
SOUS-SOL

F	12'-6"X20'X7'-6"	1875
G	1'-6"X2'X8'	24
H	1'-6"X8'-9"X8'	1575
I	3'X5'X9'	90
TOTAL		16999.0



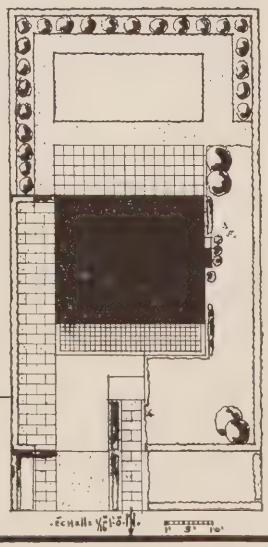


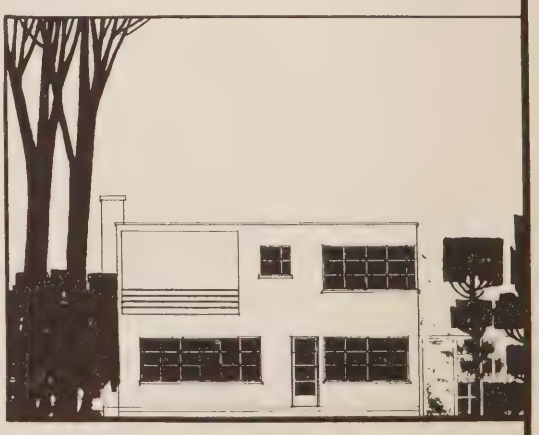




ÉCHELLE ½"=1'-0"

COUPE "B-B"



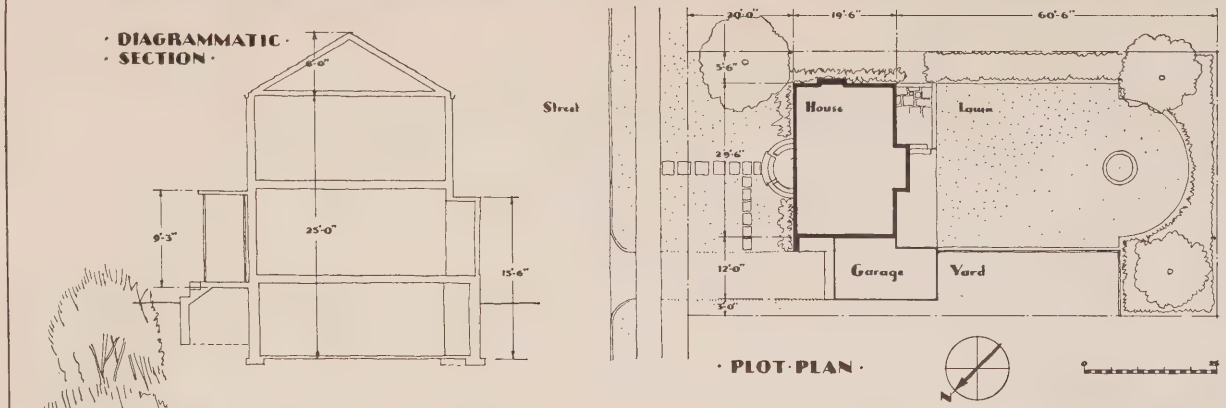


VUE SUR LE JARDIN
ÉCHELLE ⅛"=1'-0"
1' 5' 9' 10'

J. C. DROUIN, Architect,
132 Rue Ste-Pierre, Quebec, Que.

Design No. 112

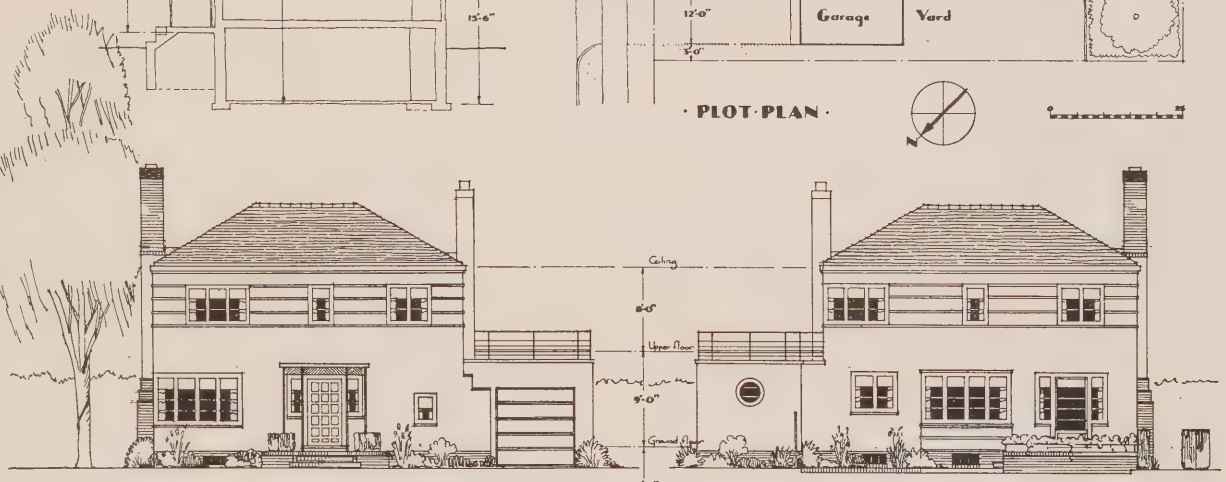
DOMINION HOUSING ACT

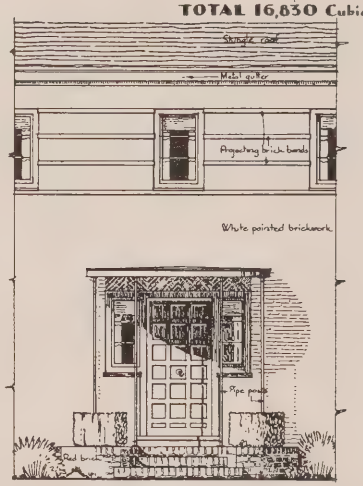


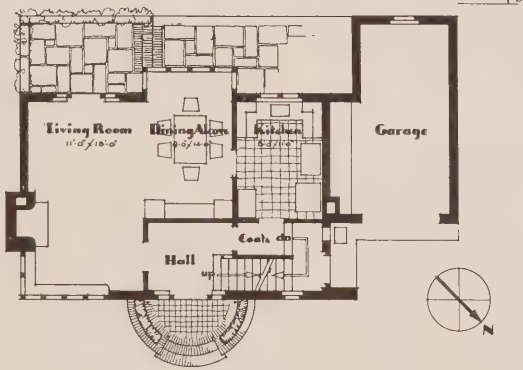
CUBAGE

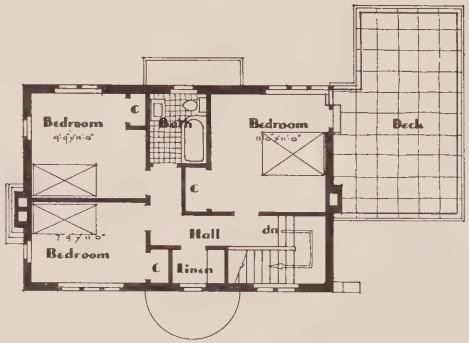
Main block of House			
29'-6" × 19'-6" × 25'-0"	=		14,400
Roof			
19'-6" × 19'-6" × 6'-0" × ⅓	=	780	
10'-0" × 19'-6" × 6'-0" × ½	=	585	= 1,365
Bay window			
9'-0" × 2'-6" × 15'-6"	=		350
Porch			
4'-6" × 9'-0" × 9'-3"	=		373
Buttress			
1'-0" × 2'-6" × 14'-0"	=		35
Chimneys			
Southeast	=	213	
Northwest	=	94	= 307

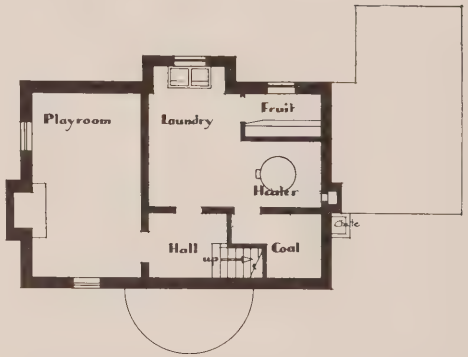
TOTAL 16,830 Cubicfeet











123

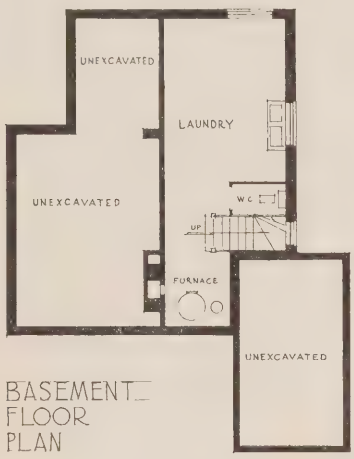
Murray Brown, Architect,
622 Confederation Life Bldg., Toronto 2, Ont.

Design No. 123

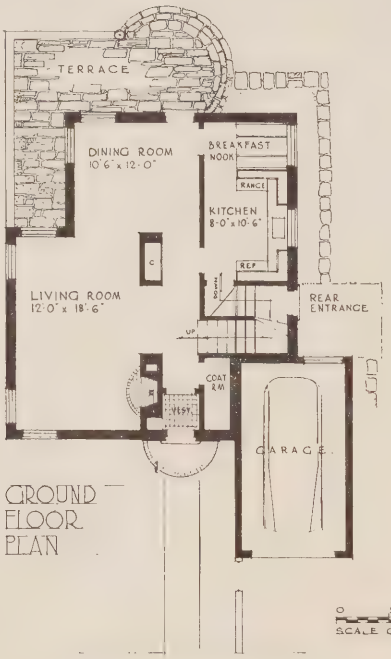
DOMINION HOUSING ACT

FRONT ELEVATION

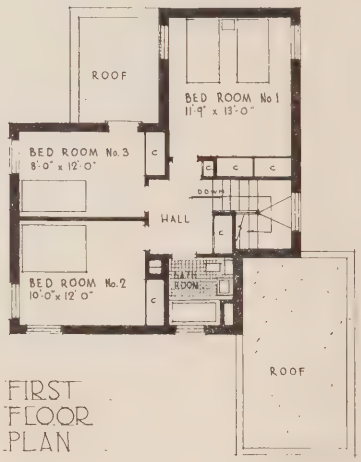
SIDE ELEVATION



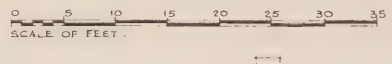
BASEMENT FLOOR PLAN



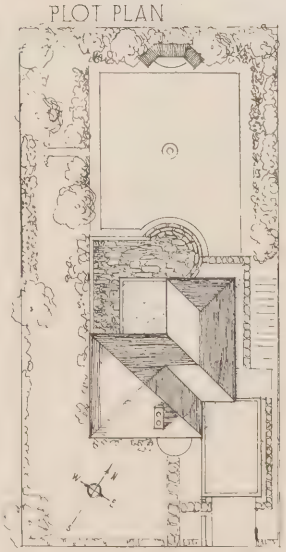
GROUND FLOOR PLAN



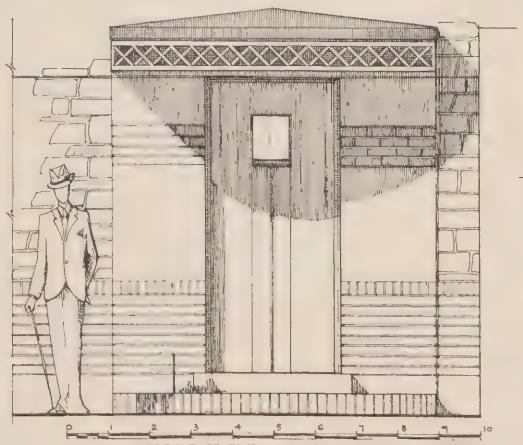
FIRST FLOOR PLAN

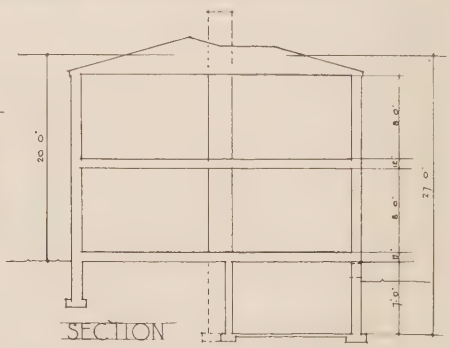


PLOT PLAN

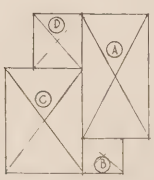


DETAIL OF FRONT ENTRANCE





SECTION



CUBAGE

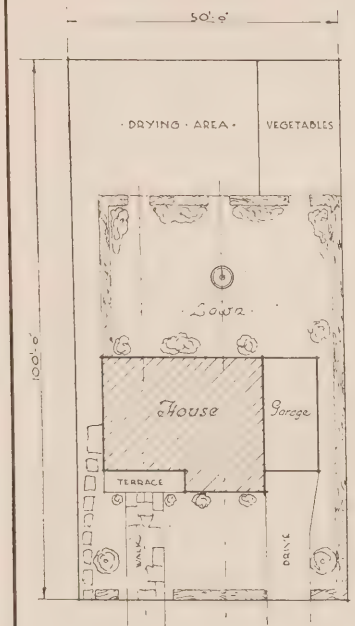
(A)	13.5 x 24 x 27 -	8748 ft
(B)	7.5 x 7 x 27 -	1417 ft
(C)	20. x 14.5 x 20 -	5800 ft
(D)	11. x 8.75 x 10 -	962 ft
CHIMNEY OVER ROOF -		40 ft
TOTAL CUBAGE - NOT INCLUDING GARAGE		16967 ft

150

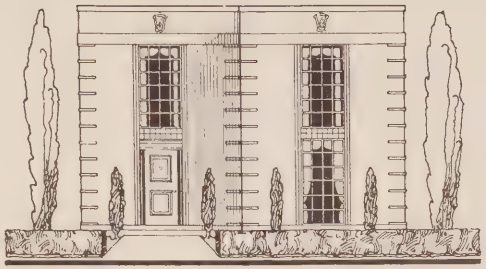
FRANCO CONSIGLIO, Architect,
4478 Hingston Ave., Montreal, Que.

Design No. 150

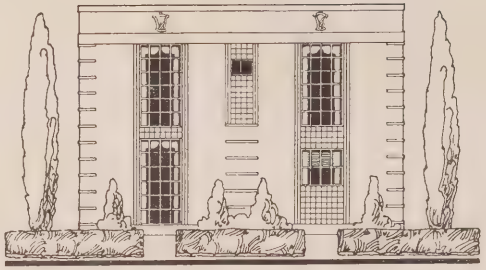
DOMINION HOVSING ACT



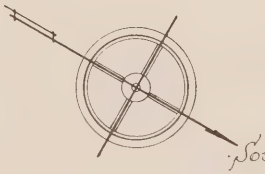
· BLOCK · PLAN ·
· SCALE 1/16 INCH = 1 FOOT ·

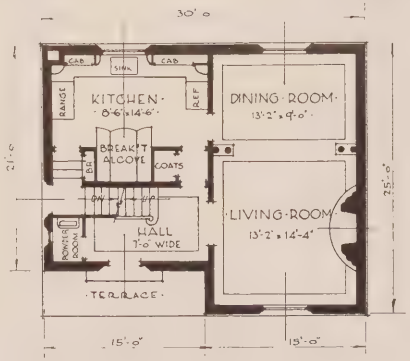


· STREET · ELEVATION ·



· GARDEN · ELEVATION ·

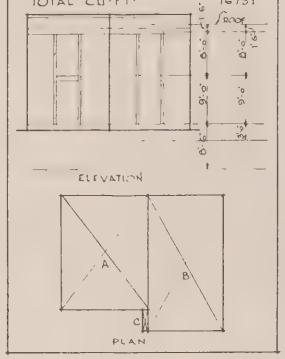




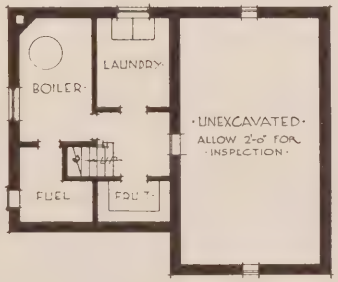
· GROUND · FLOOR · PLAN ·

· GRAPHIC · SCALE ·
ONE EIGHTH INCH = 1 FOOT

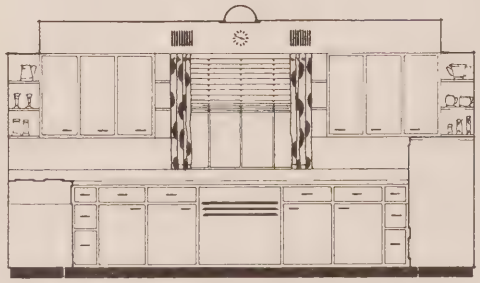
A	KITCHEN & HALL ETC 16 x 21 x 27	9072
B	LIVING ROOM ETC 14 x 25 x 21·5	7525
C	1 x 4 x 21·5	86
D	TWO CHIMNEYS 2 x 3 x 4 = 24 x 2	48
	TOTAL CU·FT·	16731



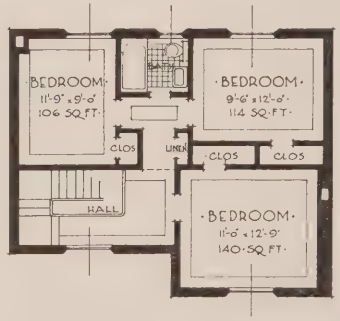
· CUBAGE · DATA ·
16,731 · CUBIC · FEET



· BASEMENT · FLOOR · PLAN ·



· DETAIL · ELEVATION · OF · KITCHEN ·
· SCALE · 3/8 INCH = 1 FOOT ·

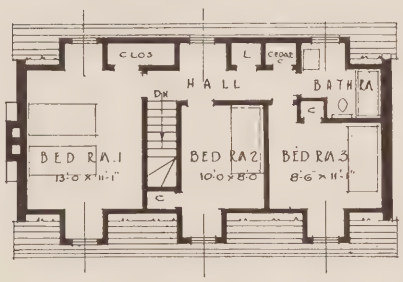


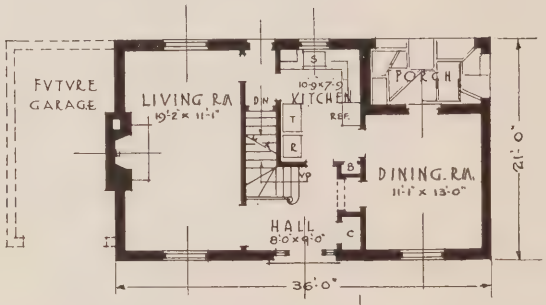
· SECOND · FLOOR · PLAN ·

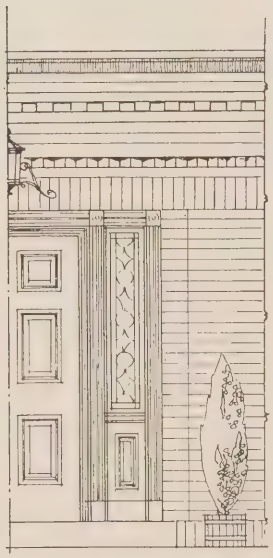
W. Edward Baker, Architect,
76 Rosemount Ave., Weston, Ont.

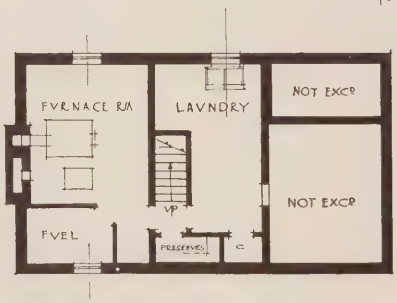
Design No. 204

DOMINION HOVSING ACT



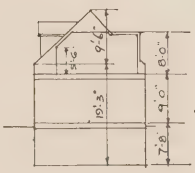




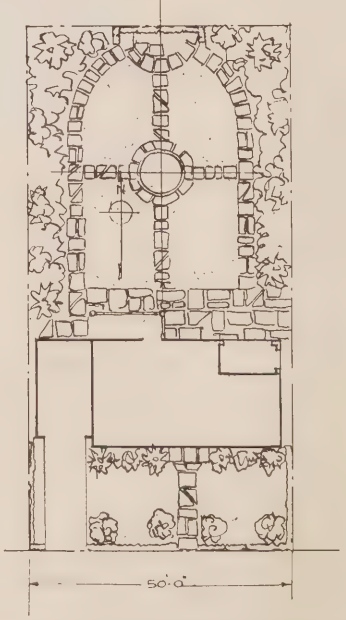


SCALE OF PLANS

0 1 2 3 4 5 10 15 20



MAIN PART	36'0x21'0x23'6"	17766
LESS VNEXP	6'8"x21'0"x11'6"	1608
		15196
FRONT DORMER	3-7½'x5'x4'6"	236
REAR "	5x5½x28'0	420
CHIMNEY		150
TOTAL		16,864 CV.FT.

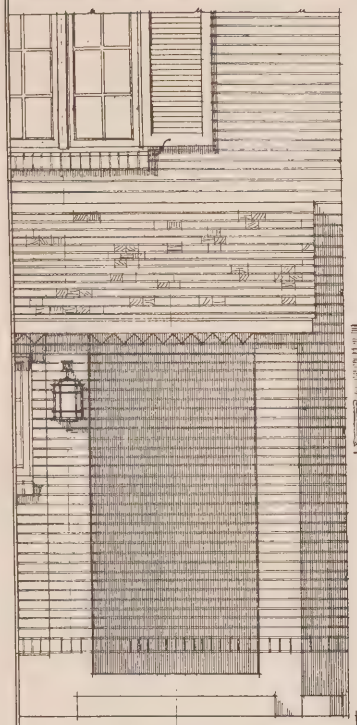


197

S. W. KERTLAND, Architect,
34 Summerhill Gardens, Toronto, Ont.

Design No. 197

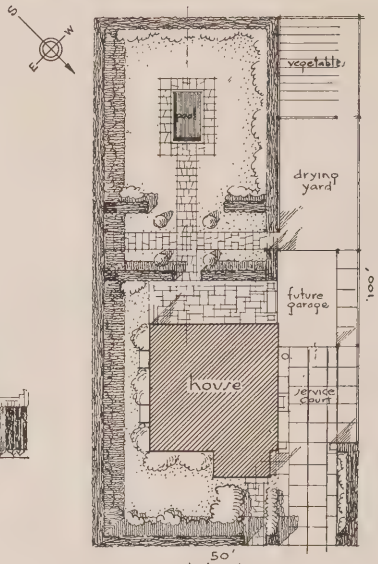
· DOMINION · HOUSING · ACT ·



· elevation ·

· side elevation ·

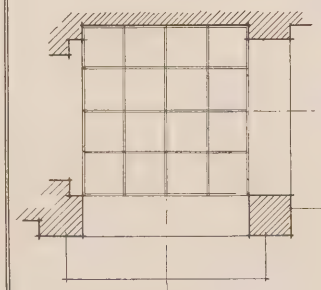
· front elevation ·



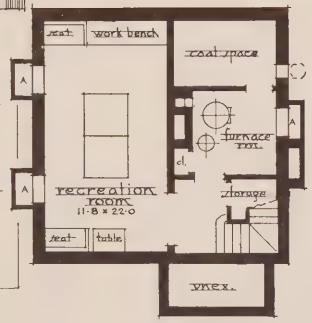
· plot plan ·

10 5 0 10 20 30 40 ft.

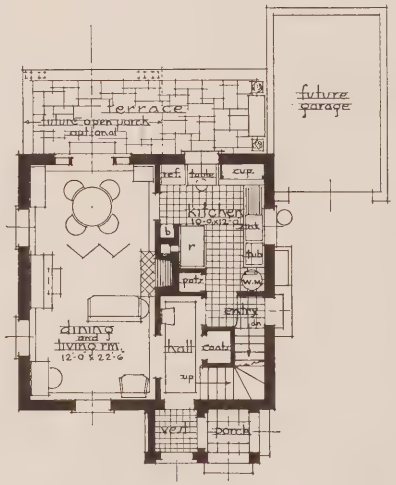
· scale ·



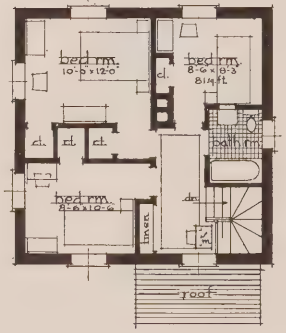
· half inch detail ·
· porch feature ·



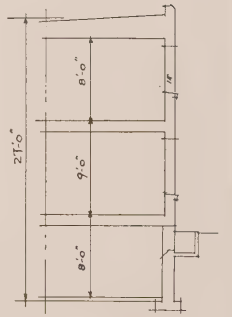
· basement plan ·



· ground floor plan ·



· first floor plan ·



· cubage ·

house 24·6×24·6×27·0 = 16207
porch 5·0×11·0×11·0 = 605
areas etc. = 60
total cu.ft. = 16872

· scale ·

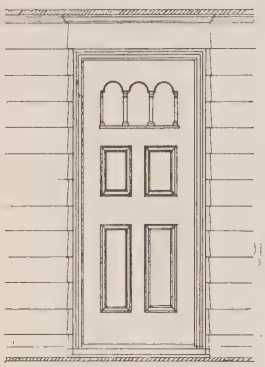
10 5 0 10 20 30 ft.

213

WILLFORD A. GAGNON, Architect,
2039 Mansfield, Montreal, Que.

Design No. 213

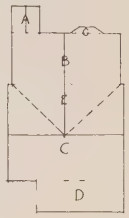
DOMINION HOUSING ACT



CUBIC CONTENTS

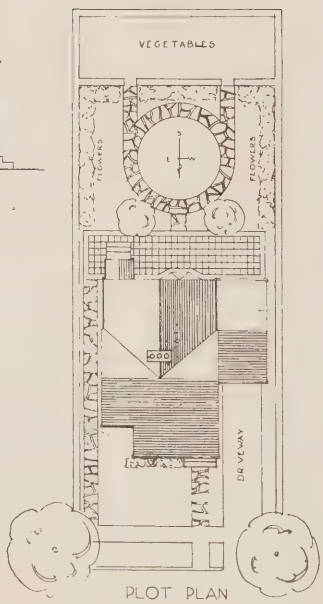
A	5'9"	× 5'0" × 11'0"	317	
B	9'6"	× 21'0" × 21'0	4789	
C	18'6"	× 22'0 × 27'0"	10989	
D	16'0"	× 5'9 × 12'0"	1104	
E	½ (10'6	× 13'0 × 6'5)	296	
F	4'8"	× 2'0" × 5'0	46	CHIMNEY
G	1'6"	× 5'3" × 5'6"	45	

TOTAL CUBAGE 16,984 CU. FT.

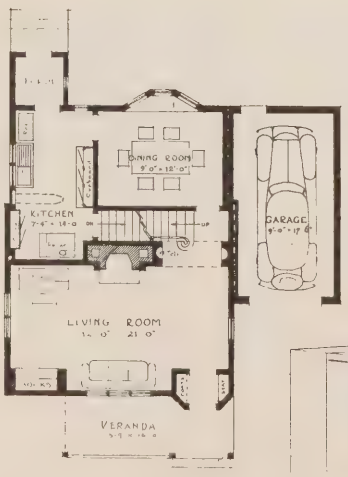


EAST ELEVATION

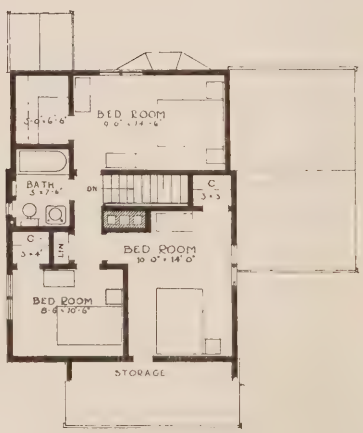
SOUTH ELEVATION



PLOT PLAN
40 × 100



FIRST FLOOR PLAN

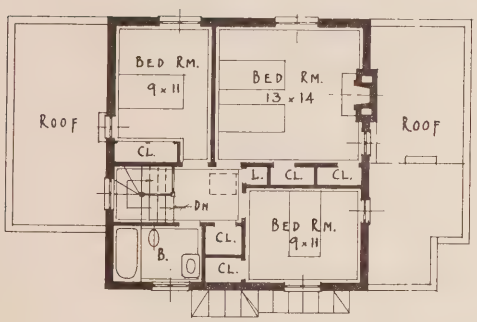


SECOND FLOOR PLAN

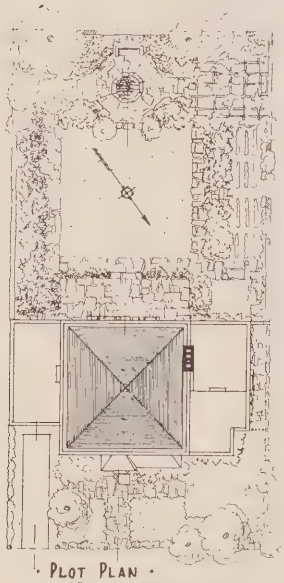
ANDREW R. COBB, Architect,
Halifax, N.S.

Design No. 212

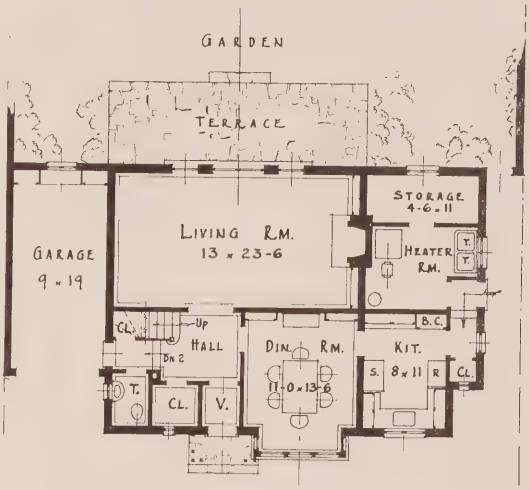
DOMINION · HOUSING · ACT



· FIRST FLOOR ·

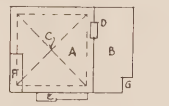


· PLOT PLAN ·
1/16" = 1'-0"



· GROUND FLOOR ·

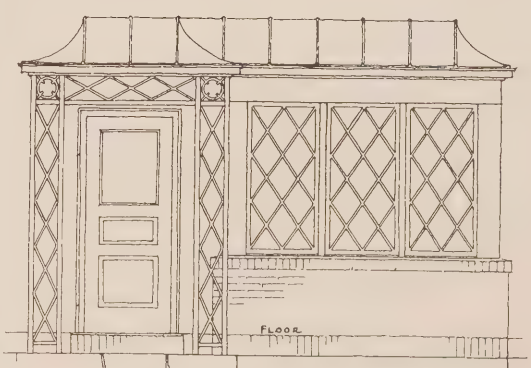
· ELEVATION TO STREET ·



CUBAGE

A	26 × 25 × 18'-6"	=	12 025
B	26 × 11'-8" × 9'-6"	=	2 879
C	ROOF 22 × 2 × 6'-6"	=	1 001
D	5 × 2 × 9	=	90
E	15 × 2'-3 × 10	=	338
F	4 × 12 × 1	=	48
	TOTAL		16 381
G	DEDUCT 4½ × 3 × 9½	=	128
	NET TOTAL	=	16 253 ¢

SCALE FOR TWO PLANS & ELEV'N
0 10' 20'



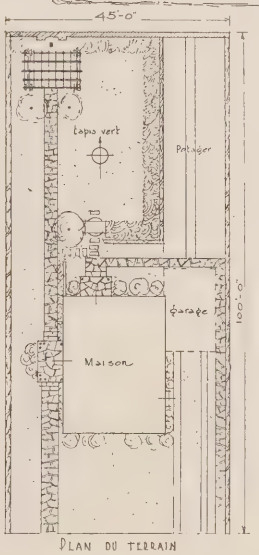
· DETAIL — ⅜" = 1'-0" ·

222

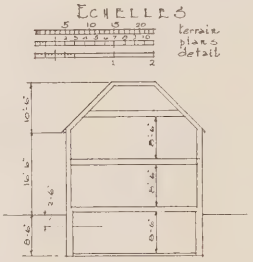
S. M. SPROULE, Architect,
4891 Sherbrooke St. West, Westmount, Que.

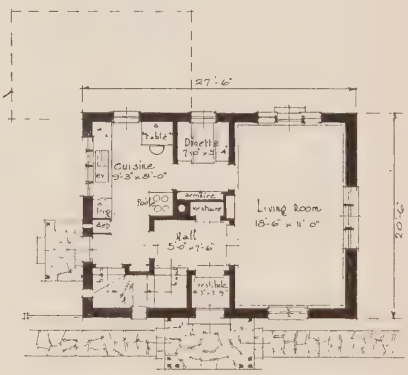
Design No. 222

LOI FEDERALE SUR LE LOGEMENT

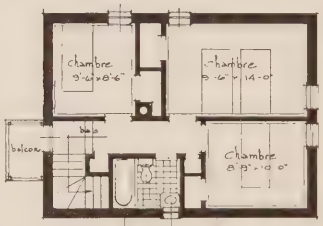


PLAN DU TERRAIN

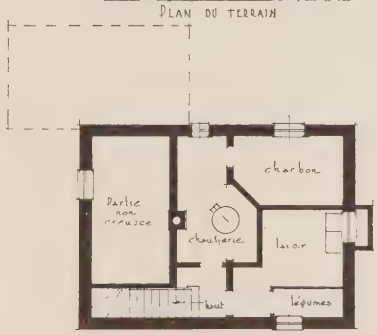




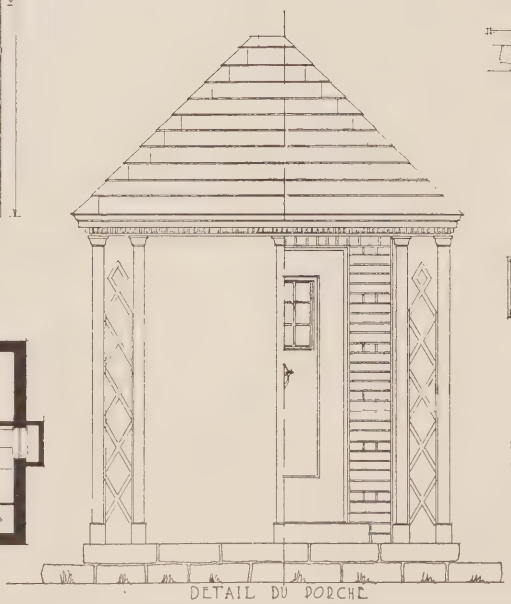
REZ-DE-CHAUSSEE



PREMIER ETAGE



SOUS-SOL



DETAIL DU PORCHE

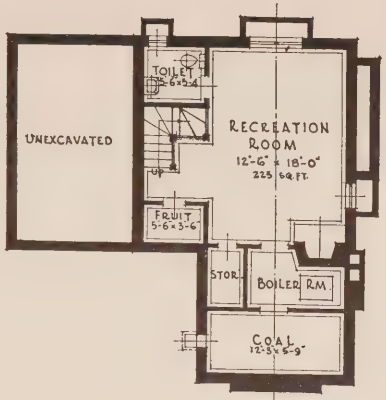
CUBAGE	Pieds cubes
Cube du rectangle : 27'-6" x 20'-6" x 16'-6" =	9,301.88
Cave excavée (18'-6" x 20'-6" + 9'-0" x 4'-6") x 8'-6" =	3,567.88
Partie de cave non excavée, sous solives 16'-0" x 9'-0" x 2'-6" =	360.
Toiture ; pyramide : 20'-0" x 20'-6" x 3'-6" = 1435	
" entre demi-pyramides 7'-5" x 5'-5" x 20'-6" = 780.44	2,215.44
lucarnes = 99.60	
Porche, galerie, cheminée = 549.15 =	648.75
Total =	16,093.95

223

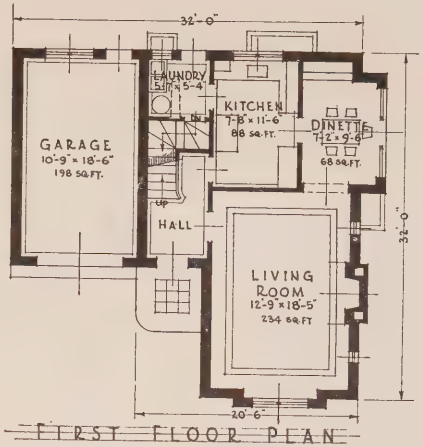
Hugues Desrosiers, Architect,
194 Querbes Ave., Outremont, Montreal, Que.

Design No. 223

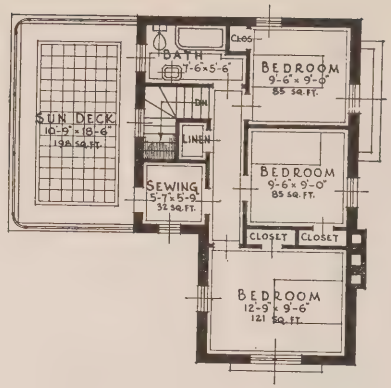
DOMINION HOUSING ACT



BASEMENT PLAN



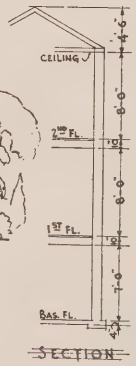
FIRST FLOOR PLAN



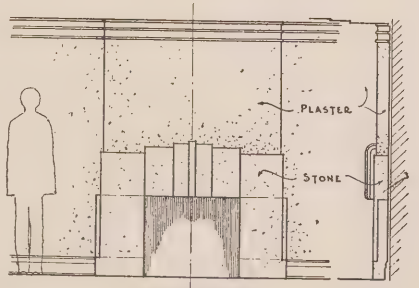
SECOND FLOOR PLAN

SIDE ELEVATION

FRONT ELEVATION

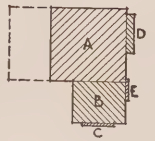


SECTION



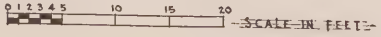
LIVING ROOM FIREPLACE
Scale ½" = 1'-0"

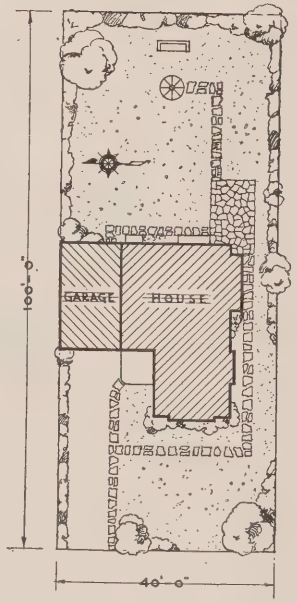
CUBAGE



A —	20'-6" × 26'-0" × 27'-5" —	11,173
B —	14'-6" × 12'-0" × 27'-5" —	4742
C —	8'-6" × 0'-9" × 10'-6" —	95
D —	2'-0" × 11'-0" × 10'-6" —	231
E —	0'-9" × 5'-6" × 25'-0" —	103
	1'-9" × 5'-6" × 8'-0" —	77

TOTAL 16421 CUBIC FEET



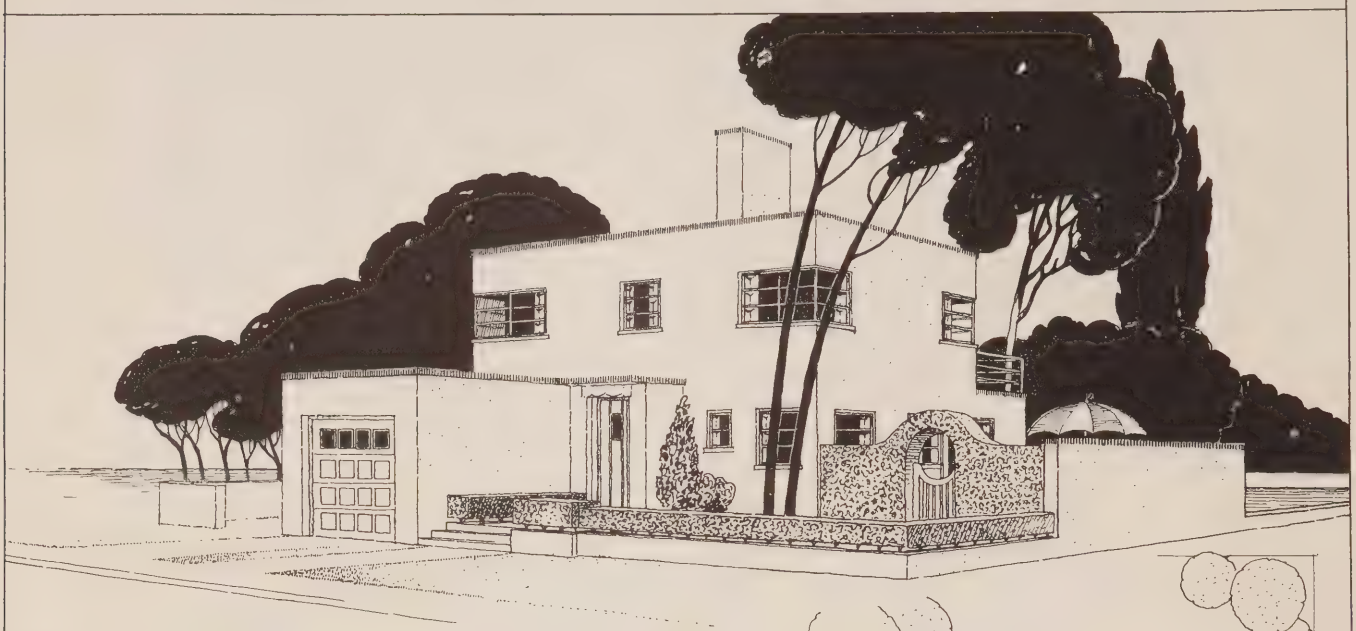


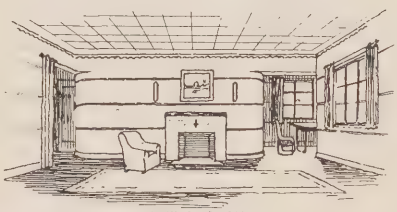
PLOT PLAN
Scale 1/16" = 1'-0"

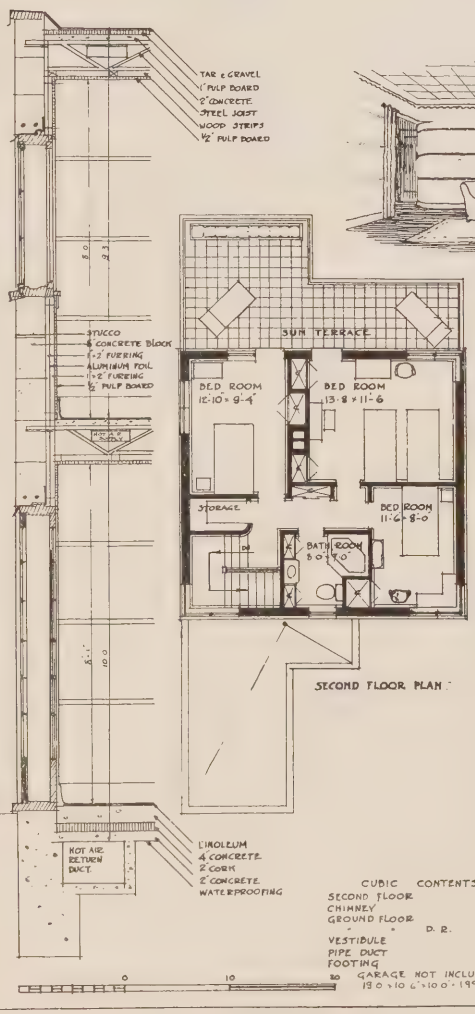
EDWARD J. CRONE, Architect,
262 Garden Ave., Toronto, Ont.

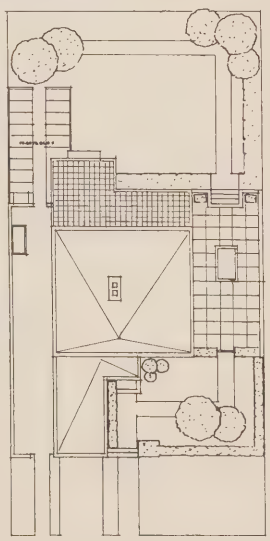
Design No. 264

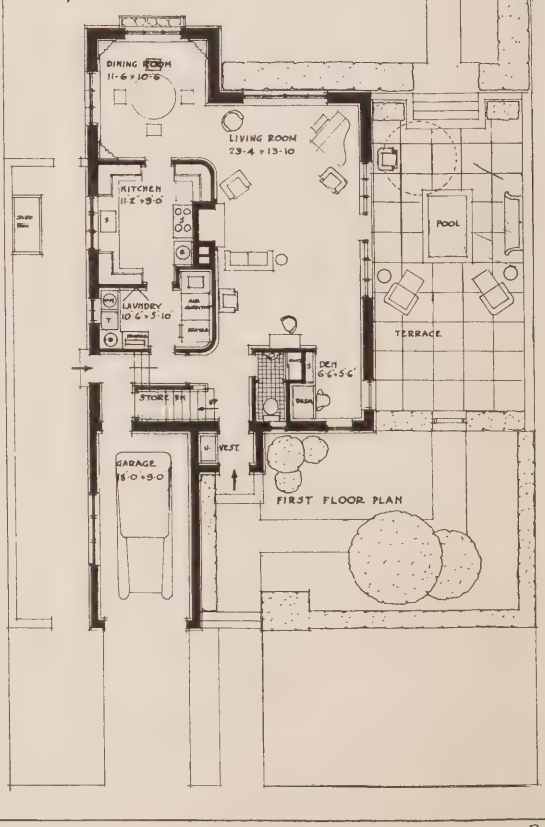
DOMINION HOUSING ACT.











CUBIC CONTENTS

SECOND FLOOR	25-0 × 27-0 × 9-3	6244
CHIMNEY	2-0 × 4-0 × 6-0	48
GROUND FLOOR	27-0 × 32-0 × 10-0	8640
" " D. R.	6-0 × 12-9 × 10-0	765
VESTIBULE	4-0 × 7-0 × 10-0	280
PIPE DUCT	1-3 × 2-9 × 13-0	43
FOOTING	1-6 × 1-6 × 13-0	31
		16,703 CUB. FT.

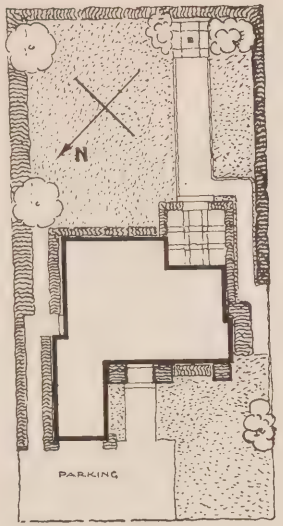
GARAGE NOT INCLUDED
13-0 × 10-6 × 10-0 = 1993 CUB FT

2.46

HUTCHISON & WOOD, Architects,
204 Notre Dame St. West, Montreal, Que.

Design No. 246

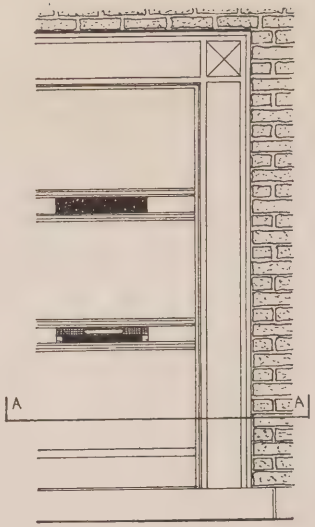
DOMINION HOUSING ACT.



PLOT PLAN

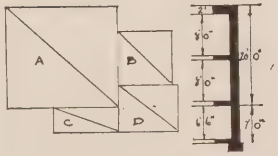
STREET ELEVATION

GARDEN ELEVATION

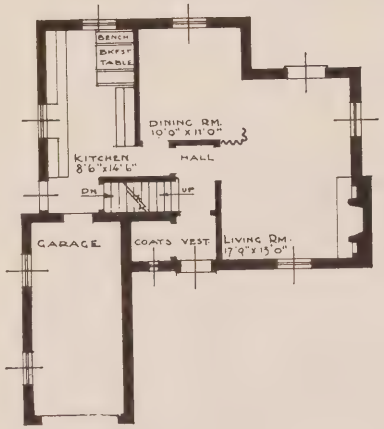


ELEVATION

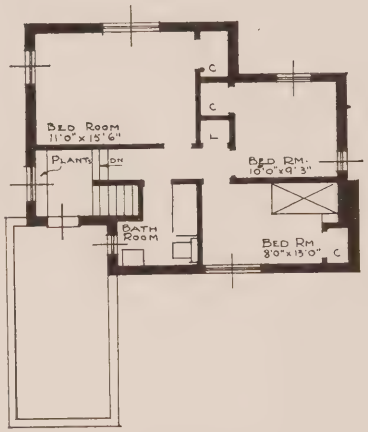
BASEMENT



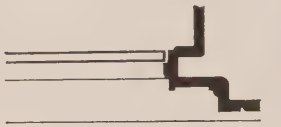
A – 21×20×20	=	8400·00
B – 10·75×10×75×20	=	2311·25
C – 13×5×20	=	1300·00
D – 11·5×9×20	=	2070·00
Basement 24·75×15×7	=	2252·25
Chimney 2'×4·5×2	=	18·00
TOTAL CUBIC FEET	=	16333·50



FIRST FLOOR

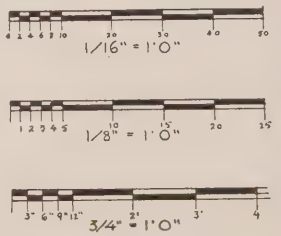


SECOND FLOOR



SECTION A-A

DETAIL of FRONT DOOR



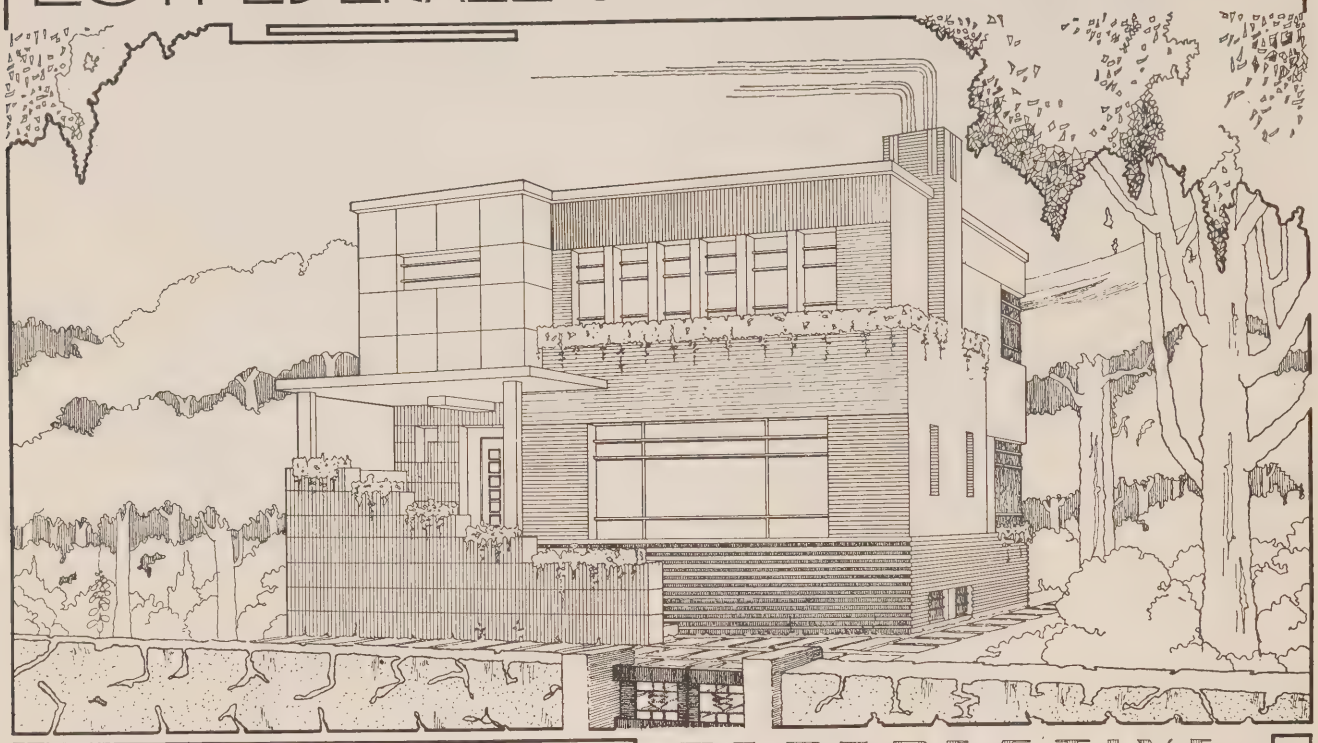
SCALES

296

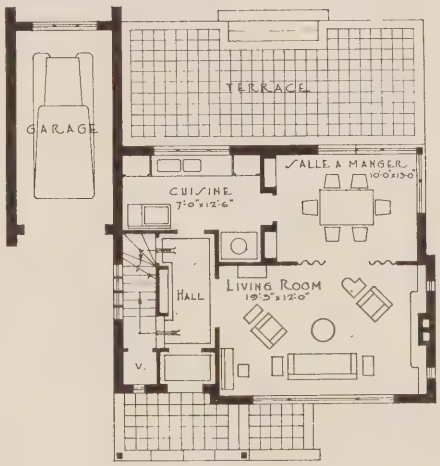
James A. Woollvan & Harold E. Devitt, Architects,
2037 Victoria Street, Montreal, Que.

Design No. 296

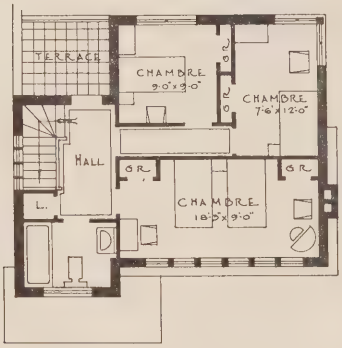
LOI·FEDERALE·SUR·LE·LOGEMENT



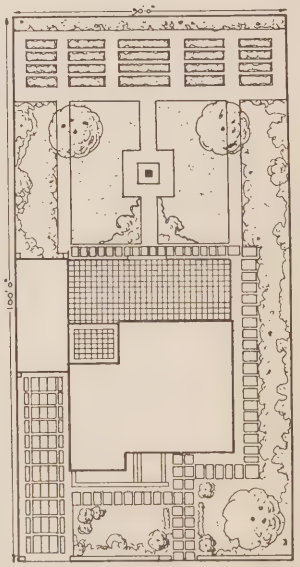
PERSPECTIVE



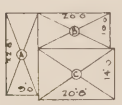
REZ-DE-CHAUSSEE



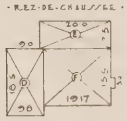
PREMIER-ETAGE



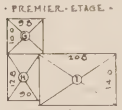
PLAN DU TERRAIN



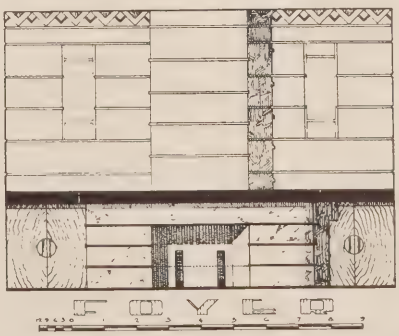
·REZ-DE-CHAUSSEE·



·PREMIER·ETAGE·



·SOUS·SOL·



COUPE

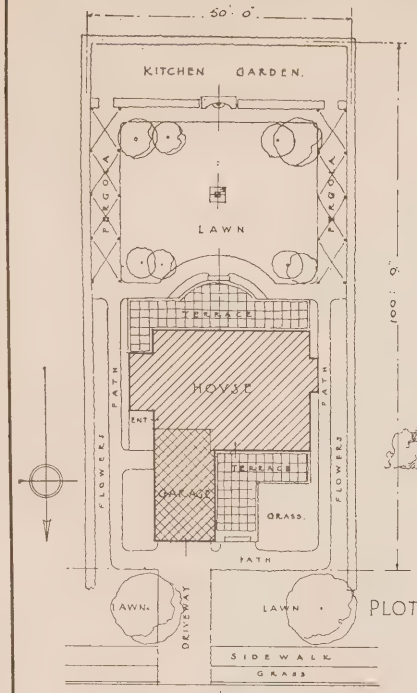
·CUBAGE·		
A	22.0' × 30' =	205'
B	20.0' × 100' =	200'
C	20.8' × 14.0' =	292'
	1025 × 697 =	7144'
D	18.5' × 30' =	181'
E	20.0' × 75' =	150'
F	19.17' × 155' =	297'
	100 × 678 =	6780'
G	10.0' × 30' =	98'
H	12.0' × 30' =	115'
I	20.8' × 14.0' =	291'
	70 × 504 =	3520'
CUBAGE TOTAL =		16932

274

GABRIEL DESMEULES, Architect,
226 Saint-Jean Street, Quebec, Que.

Design No. 274

DOMINION HOVSING ACT :

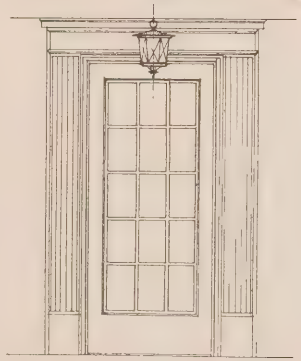


PLOT. PLAN.

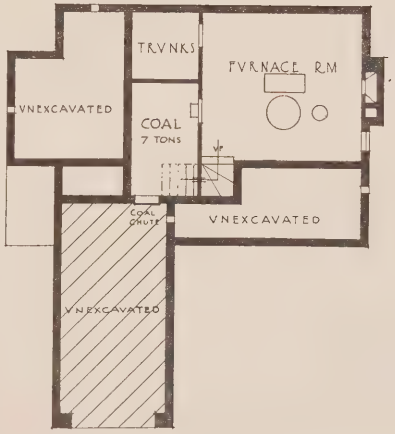
FRONT ELEVATION TO STREET

END. ELEVATION

REAR ELEVATION. TO GARDEN.

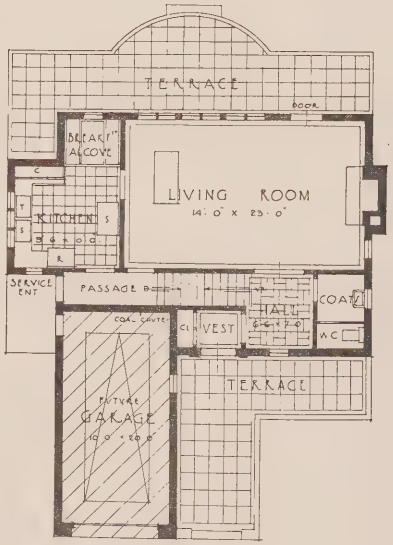


DETAIL OF DOORWAY.

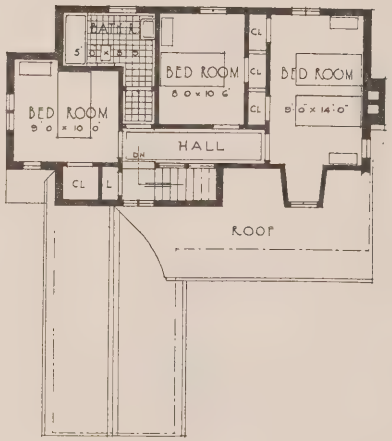


BASEMENT PLAN.

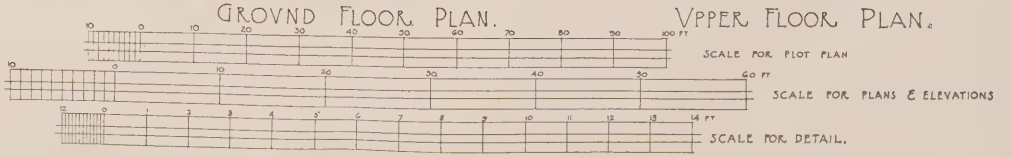
CVBE.		
A	30'0" × 19'0" × 21'6" =	12 255 CF
B C	19'0" × 4'0" × 15'0" =	1 140 "
	12'0" × 4'6" × 21'6" =	1 161 "
D	2'0" × 5'0" × 32'6" =	325 "
E	BASEMENT =	1 756 "
	DORMERS & GABLE =	360 "
	TOTAL	16 997 CF



GROVND FLOOR PLAN.



VPPER FLOOR PLAN.

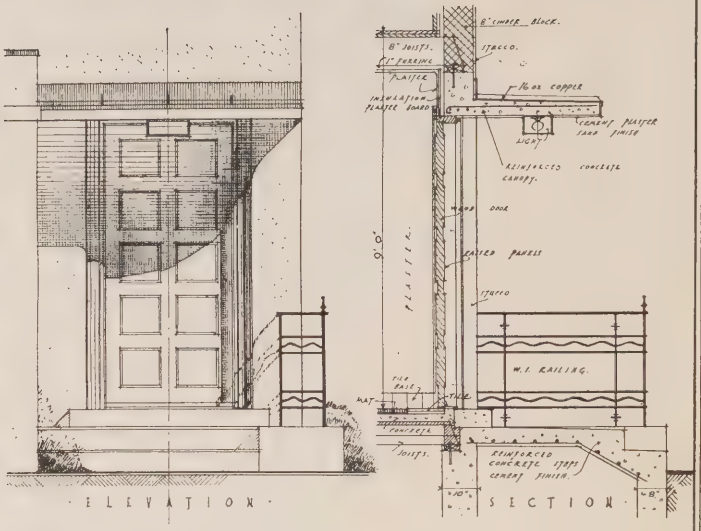


315

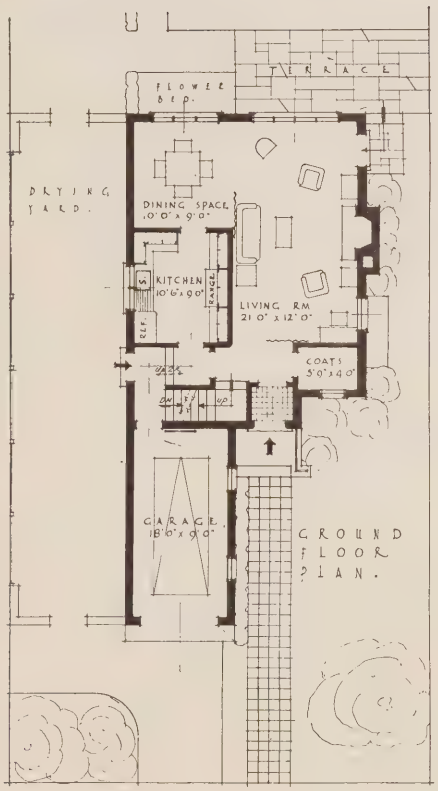
HUGH VALLANCE, Architect,
Southam Bldg., 1070 Bleury Street, Montreal, Que.

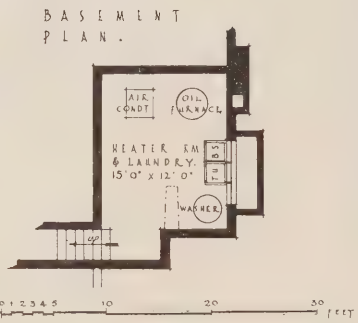
Design No. 315

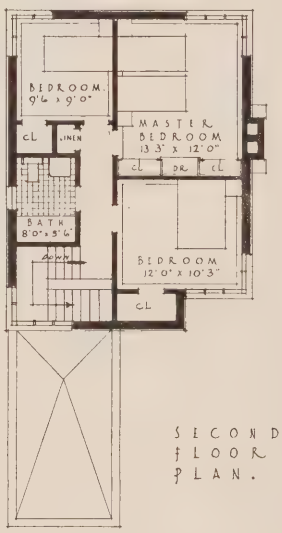
DOMINION·HOUSING·ACT

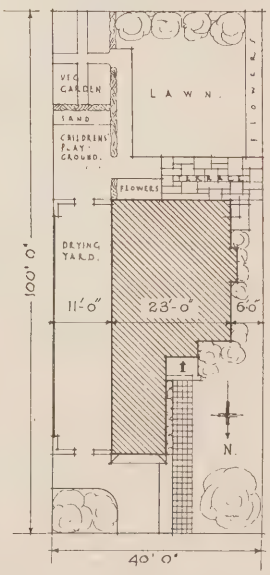


½ DETAIL OF MAIN ENTRANCE DOOR



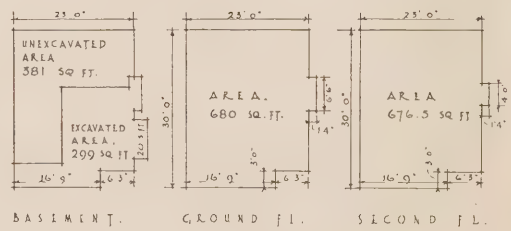


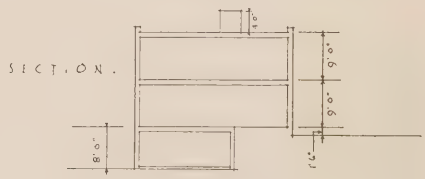




	AREA	HEIGHT	CUBE
BASEMENT	299 SQ FT	8' 0"	2392 C FT
LIGHT AREA.	20 SQ. FT.	5' 0"	100 C FT
UNEXCAVATED AREA BELOW GRND. FL.	381 SQ. FT.	1' 6"	571.5 C. FT
GROUND FLOOR	680 SQ FT	9' 0"	6120 C FT
SECOND FLOOR	676 SQ FT	9' 0"	6088.5 C FT.
CHIMNEY ABOVE ROOF.	8 SQ FT.	4' 0"	32. C FT
· TOTAL CUBE · 15,304 CU. FT.			

·CUBAGE·TABULATION·



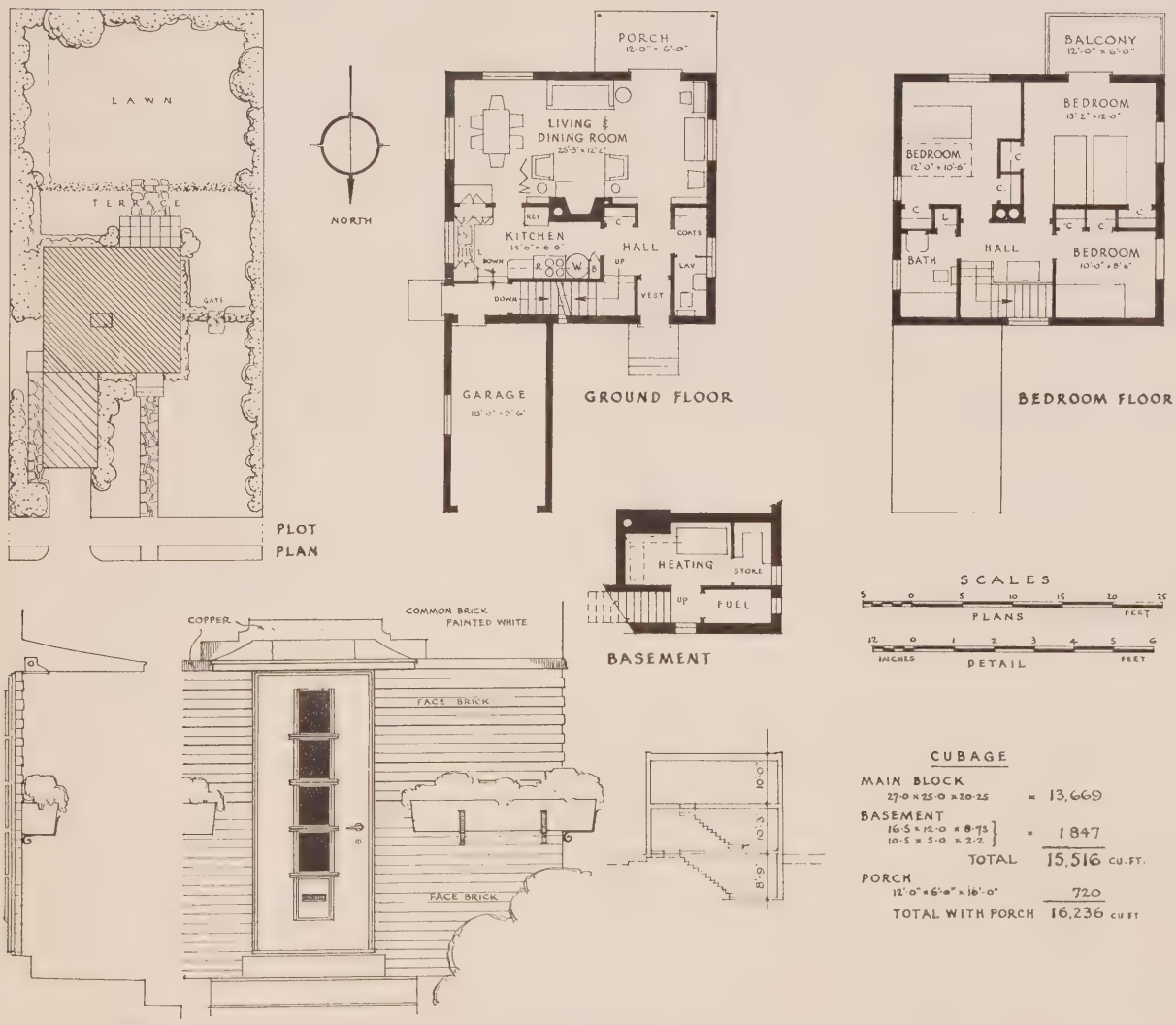


·CUBAGE·DIAGRAMS·

H. Gordon Hughes, Architect,
172 Wellington Street, Ottawa, Ont.

Design No. 301

DOMINION HOUSING ACT



CUBAGE

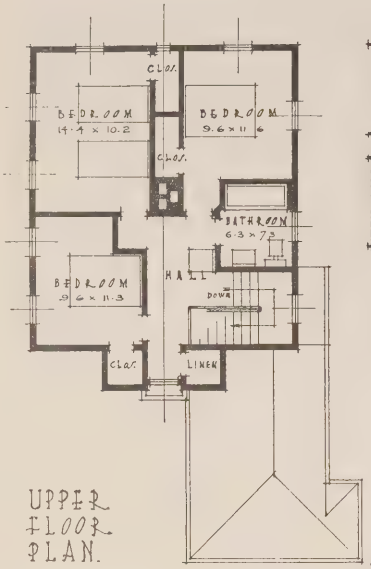
MAIN BLOCK 27·0 × 25·0 × 20·25	=	13,669
BASEMENT 16·5 × 12·0 × 8·73 / 10·5 × 5·0 × 2·2	=	1847
TOTAL		15,516 CU. FT.
PORCH 12'-0" × 6'-0" × 10'-0"		720
TOTAL WITH PORCH		16,236 CU FT

313

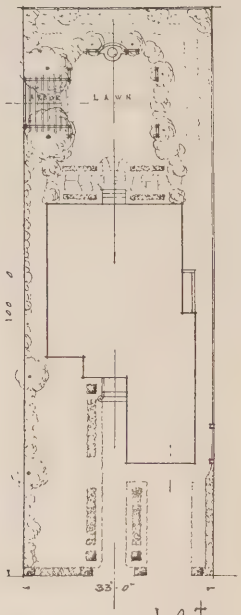
J. C. MERRETT, Architect,
1019 Canada Cement Bldg., Montreal, Que.

Design No. 313

DOMINION HOUSING ACT.



UPPER FLOOR PLAN.



LOT PLAN

CUBIC CONTENTS.

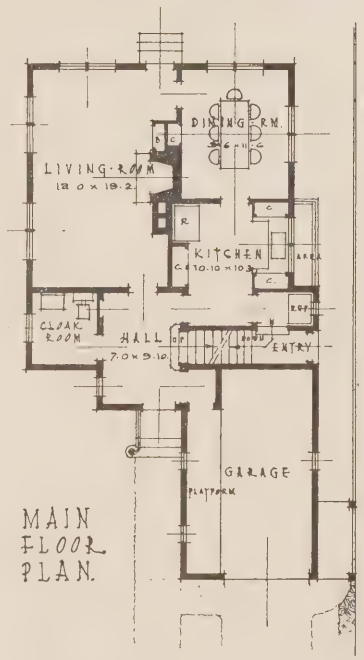
MAIN BODY OF HOUSE	28·8 × 27·0 × 18·0 =	11502
ENTRANCE ADDITION	3·6 × 11·0 × 18·0 =	693
ENTRY PROJECTION	7·0 × 2·0 × 10·0 =	140
BASEMENT UNDER KITCHEN	11·0 × 15·0 × 7·0 =	1207
ROOFS	12·0 × 12·0 × 15·6 & 5·6 × 3 6 × 5·0 =	2328
CHIMNEY	3·0 × 2·0 × 46 =	27
TOTAL CUB. FEET.		15897.

CONSTRUCTION.

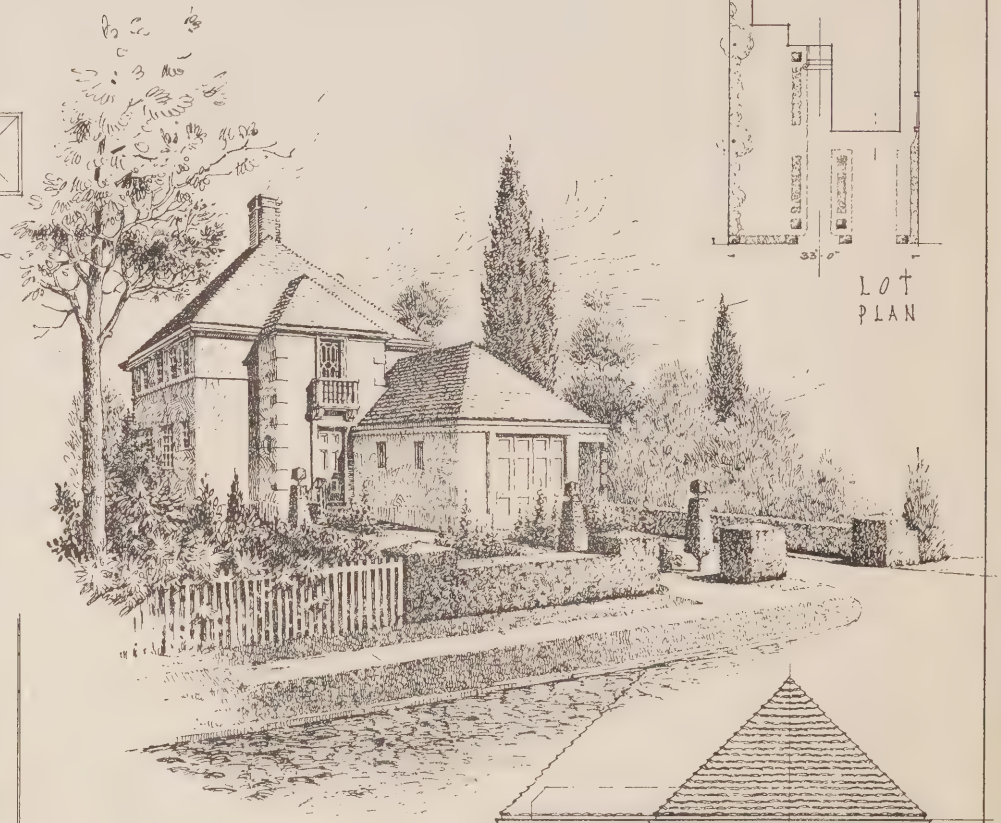
WOOD FRAME ON CONCRETE FOUNDTN WALLS. STUCCO EXTERIOR. STOCK DOORS, WINDOWS AND CEDAR TRIM, CONCRETE STEPS AND SHINGLE ROOF.

PLASTERED INTERIOR, STOCK DOORS, STOCK WOOD MOULDINGS, IMITATION TILE FLOOR & DADO IN BATHROOM.

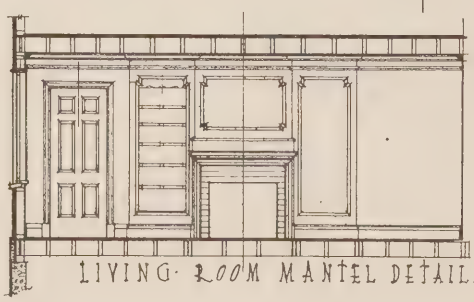
EASILY ADAPTABLE TO EASTERN CONSTRTN



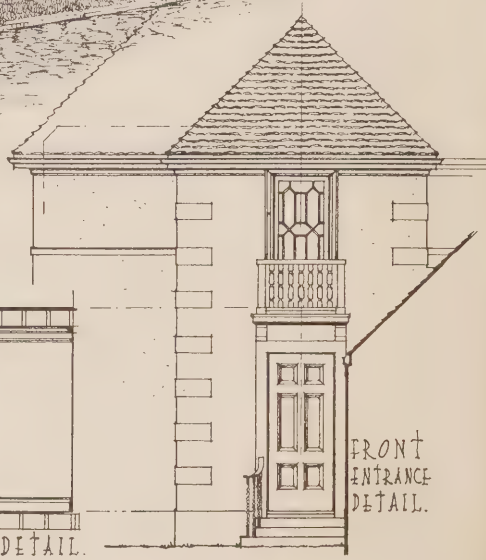
MAIN FLOOR PLAN.



SCALE FOR LOT 1" = 30 20 10 5
SCALE FOR PLAN 1/8" = 1 0 4 8
SCALE FOR DETAIL 1/2" = 1 0 5



LIVING ROOM MANTEL DETAIL.



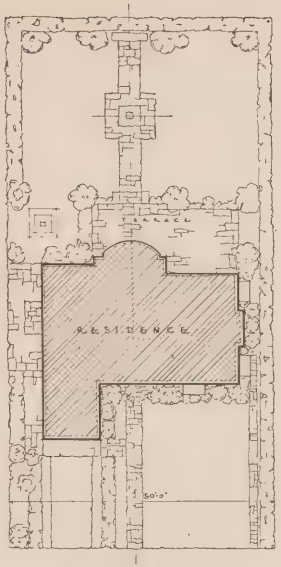
FRONT ENTRANCE DETAIL.

337

THEO. KORNER, Architect,
Dunderave P.O., West Vancouver, B.C.

Design No. 337

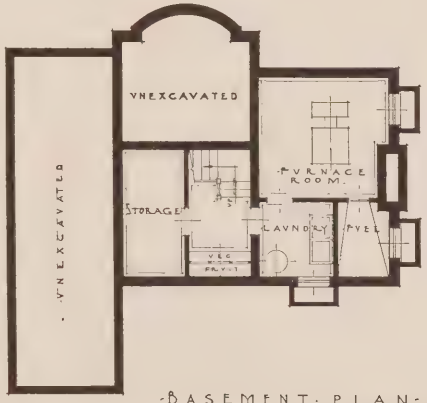
DOMINION HOVSING ACT



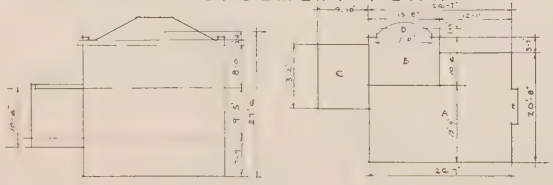
PLOT PLAN

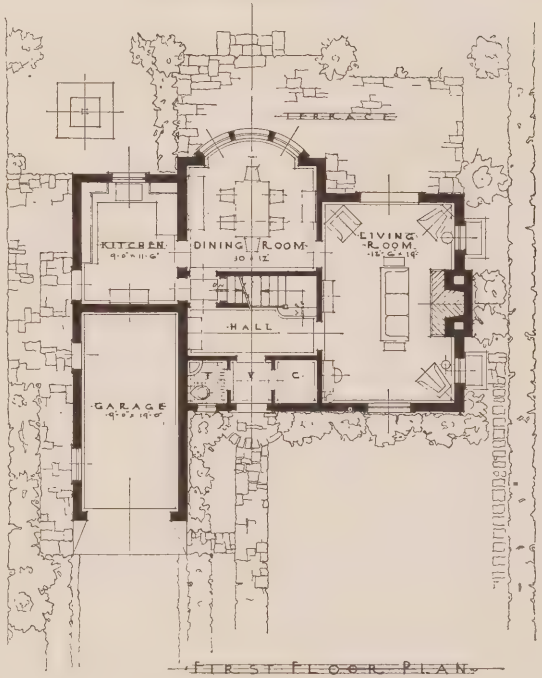
PERSPECTIVE

ENTRANCE DETAIL
SCALE ½" = 1'-0"

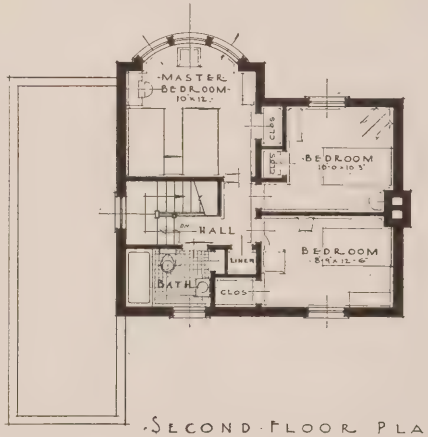


BASEMENT PLAN

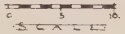




FIRST FLOOR PLAN



SECOND FLOOR PLAN



SCALE

CUBAGE

A	13'-11" x 20'-8" x 27'-6"	7307
B	13'-8" x 13'-9" x 27'-6"	5142
B	10'-6" x 13'-8" x 19'-9"	2820
C	13'-2" x 9'-10" x 10'-6"	1354
D	1'-8" x 11'-0" x 18'-0"	245
E	8'-0" x 4'-0" x 2'-2"	70
	27'-6" x 6'-0" x 4"	49
	TOTAL CU FT	16,987

359.

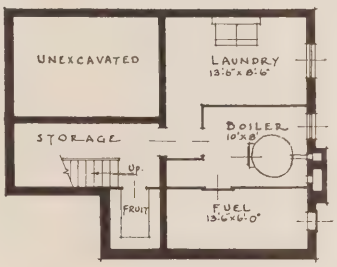
HAROLD C. GREENSIDES, Architect,
283 Winona Drive, Toronto, Ont.

Design No. 359

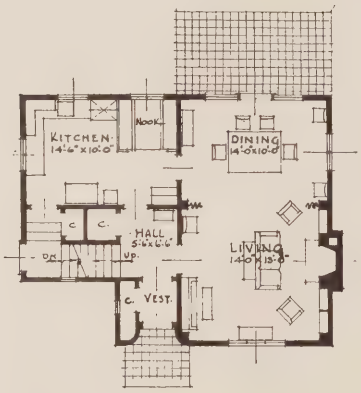
DOMINION HOUSING ACT

·FRONT ELEVATION·

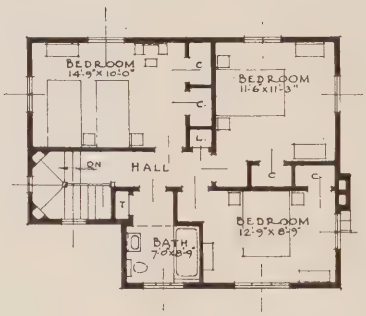
·WEST ELEVATION·



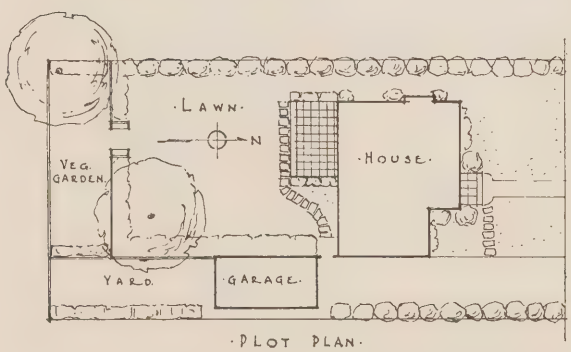
·BASEMENT PLAN·



·GROUND FLOOR PLAN·



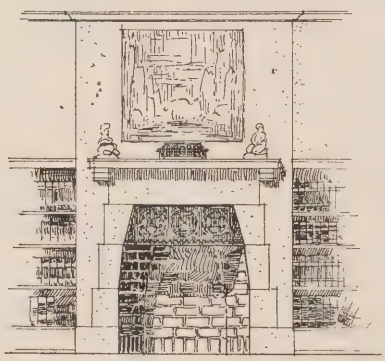
·SECOND FLOOR PLAN·



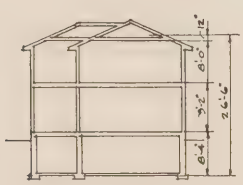
·PLOT PLAN·

SCALE OF PLANS AND ELEVATIONS.

0 5 10 15 20 25.



·FIREPLACE IN LIVING ROOM·



·CUBAGE·

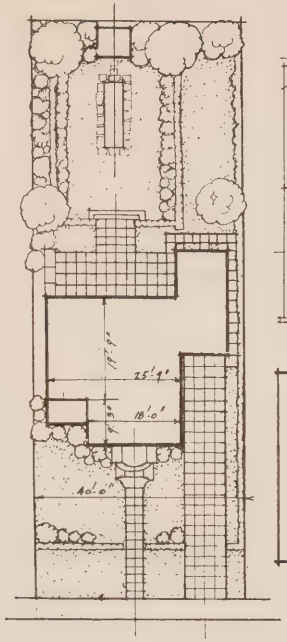
HOUSE – 21'x24'x26½'	= 13,356
" – 9'x18'x26⅓'	= 4,266
CHIMNEY –	183
	17,805
LESS UNEX. BASEMENT	– 1,100
TOTAL	16,705

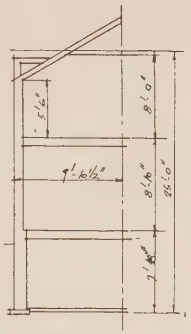
352.

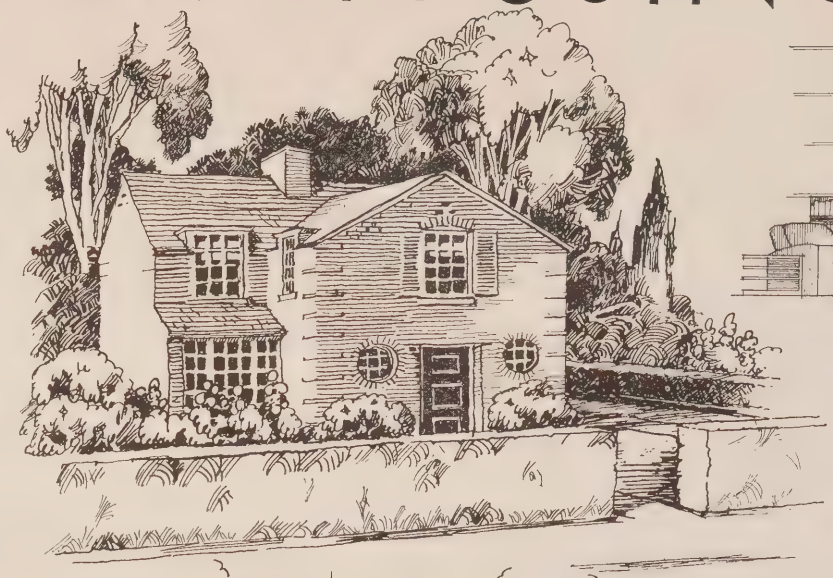
Ross Brisley, Architect,
Whitewood Ave., New Liskeard, Ont.

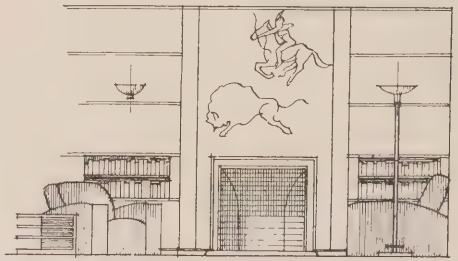
Design No. 352

DOMINION HOUSING ACT

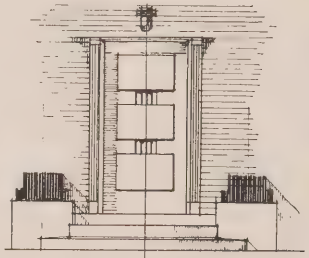








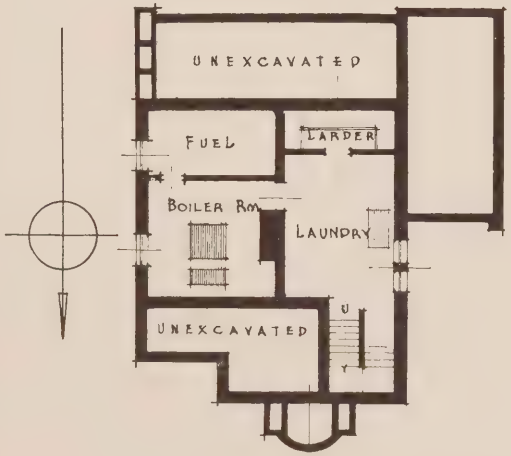
· LIVING · ROOM ·



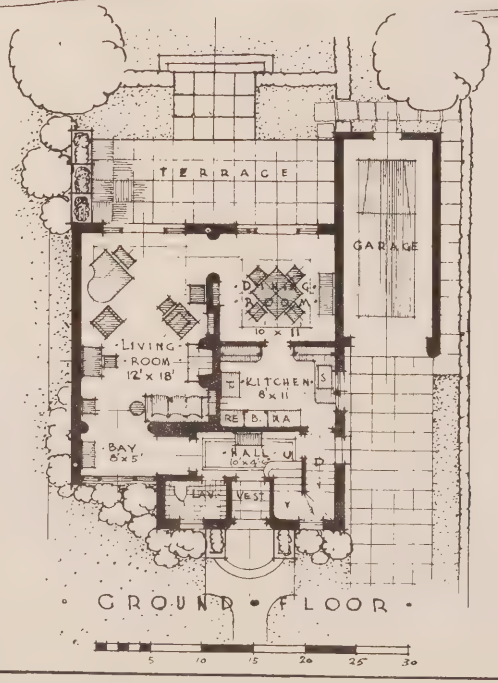
· ENTRANCE ·

· CUBAGE ·

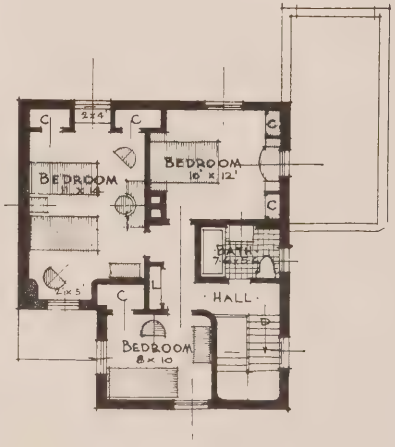
25'5" x 19'5" x 25' =	12,712'
18' x 9'2" x 24'5"	
LESS UNEXCAV. AREA	
10' x 9'5" x 4'3"	3721
BAY	
7'9" x 5' x 11'5"	454
CHIMNEY	
3'5" x 2'2" x 3'5" =	27
DORMERS	
4' x 4' x 2' x 1'5" =	48
TOTAL	16,962'



BASEMENT ·



· GROUND · FLOOR ·



· UPPER · FLOOR ·

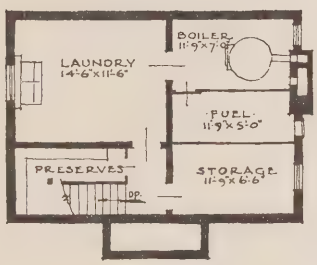
ARTHUR H. EADIE, Architect,
230 Bloor St. West, Toronto, Ont.

Design No. 385

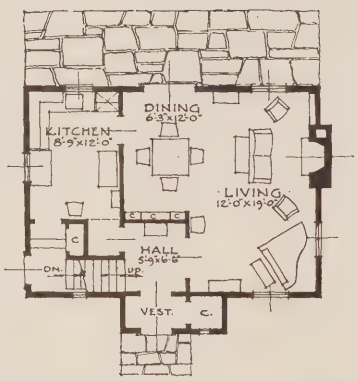
DOMINION HOUSING ACT

·FRONT ELEVATION·

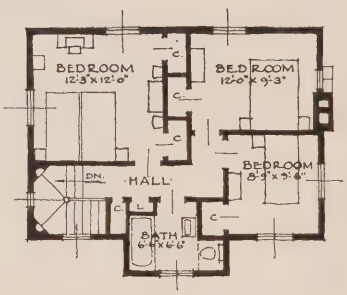
·WEST ELEVATION·



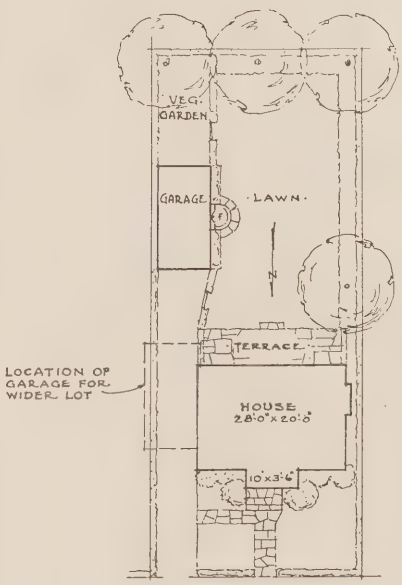
·BASEMENT PLAN·



·GROUND FLOOR PLAN·



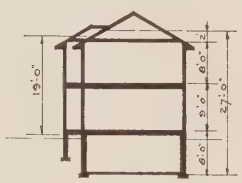
·SECOND FLOOR PLAN·



PLOT PLAN
LOT 40'-0"x100'-0"

SCALE OF PLANS & ELEVATIONS

0 5 10 15 20 25



·CUBAGE·

HOUSE - 28'x20'x27'	=	15,120
" 10'x3'-6"x19'	=	665
CHIMNEY	=	188
TOTAL		15,973

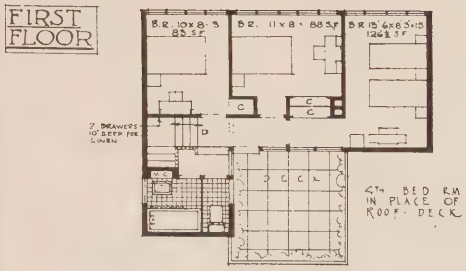
·FRONT ENTRANCE·
SCALE ½"=1'-0"

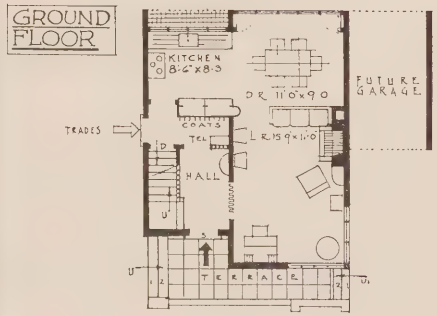
353

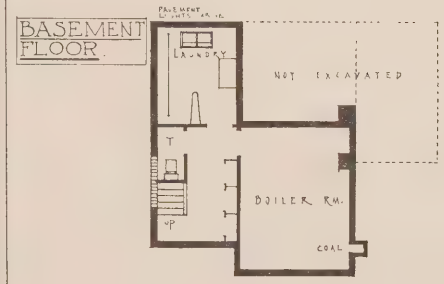
Ross Brisley, Architect,
Whitewood Ave., New Liskeard, Ont.

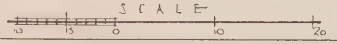
Design No. 353

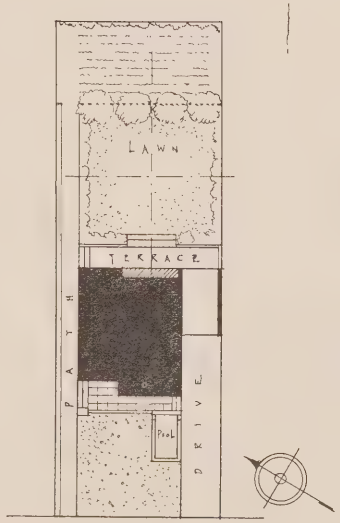
DOMINION HOUSING ACT





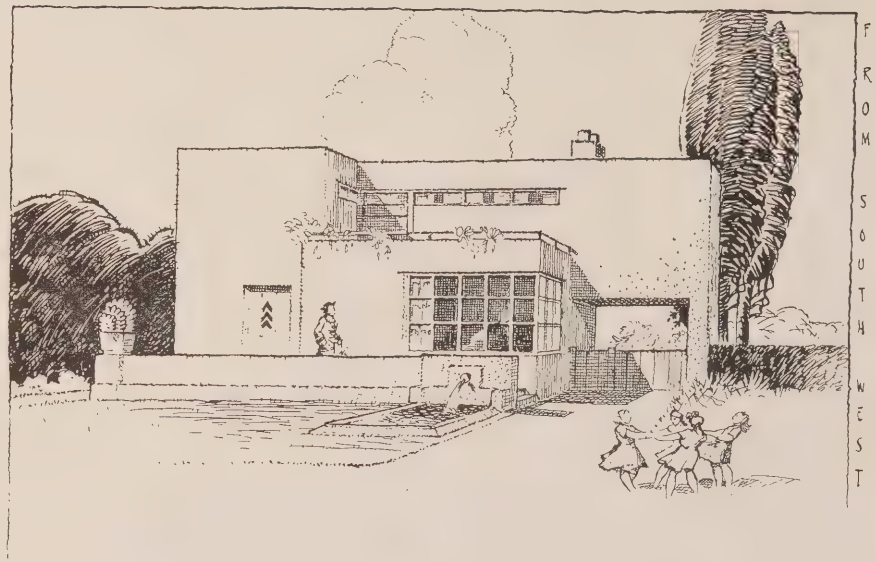


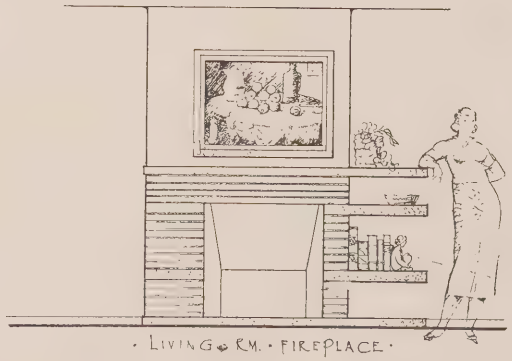




BLOCK PLAN
100'-0" x 33'-0"

PERSPECTIVE FROM SOUTH WEST





LIVING RM. FIREPLACE.

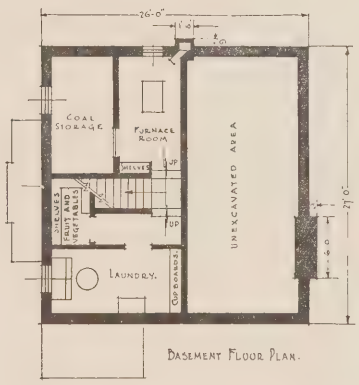
BASEMENT	3023	ACCEPTED HEIGHT	7'-9"	TOTAL 25.3
GROUND FL.	4594	" "	8'-9"	
FIRST FL.	4384	" "	8'-9"	
TOTAL	12,001 CUBIC FEET: — ADD 1058 FOR 4TH BED. RM.			

387

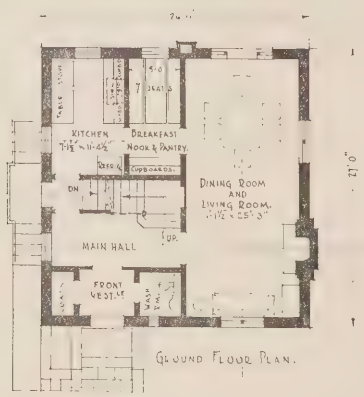
W. Ralston, Architect,
16 Rowanwood Ave., Toronto, Ont.

Design No. 387

DOMINION HOUSING ACT

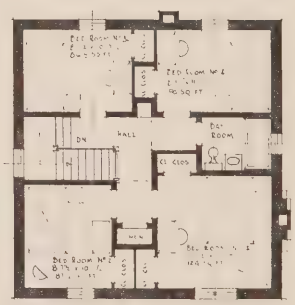


Basement Floor Plan.

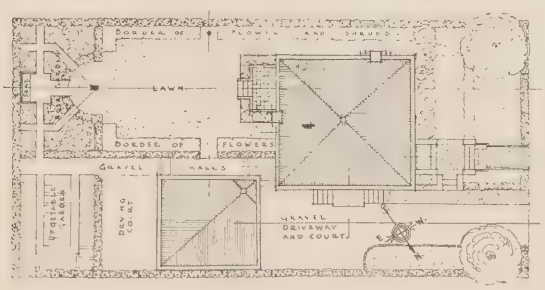


Ground Floor Plan.

Scale of Floor Plans

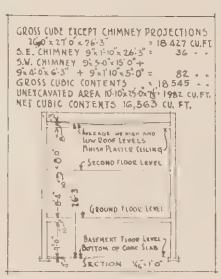


Second Floor Plan.

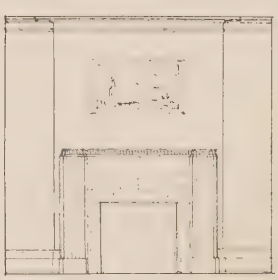


Plot Plan

Scale of Plot Plan



Cubic Contents.



Living Room Fireplace

Scale of Details

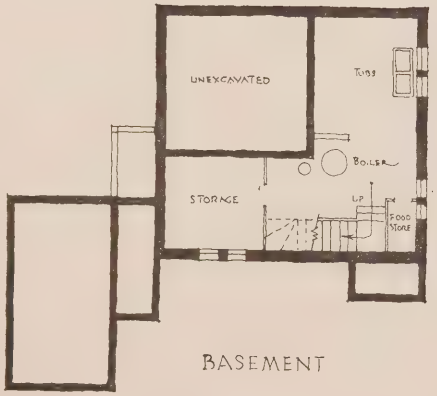
382

Eric C. Horwood, Architect,
229 Yonge St., Toronto, Ont.

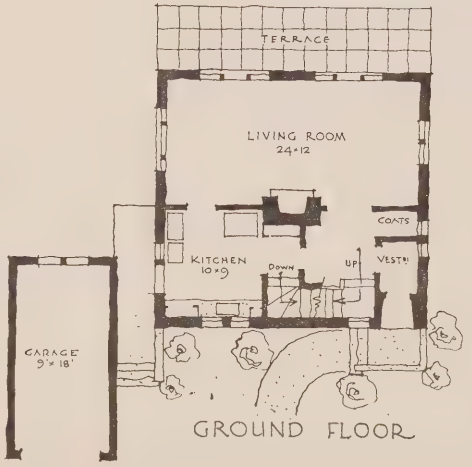
Design No. 382

DOMINION HOUSING ACT

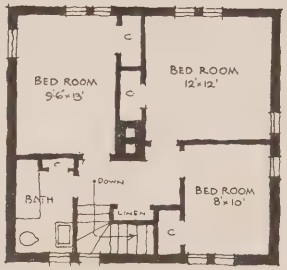
SCALE of PLANS
0 2 4 6 8 10 12 14 16



BASEMENT



GROUND FLOOR



FIRST FLOOR

CUBICAL CONTENTS

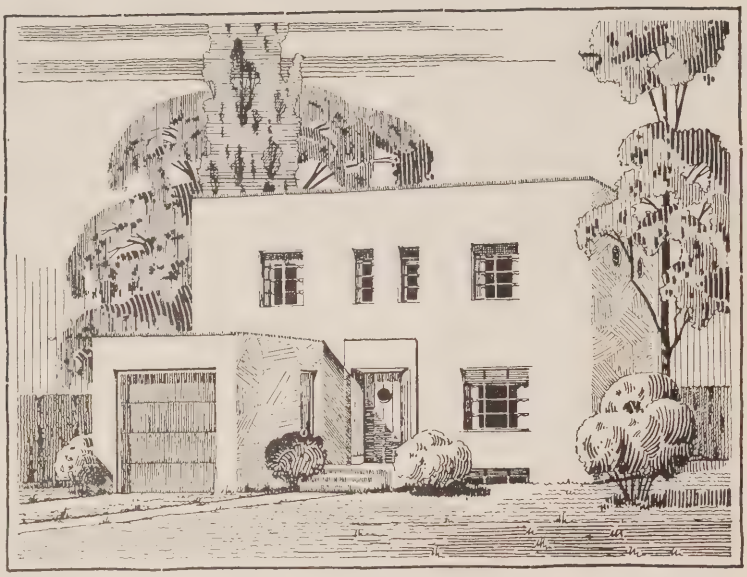
BASEMENT.	
26'×10'×8'	2080
11'×14'6"×8'	1276
GROUND & FIRST FLOORS	
24'6"×26'×21'	13377
TOTAL	16733
DORMERS	80
GRAND TOTAL	16813

397

JOHN S. ARCHIBALD ASSOCIATES, Architects,
1440 St. Catherine St. West, Montreal, Que.

Design No. 397

DOMINION HOUSING ACT



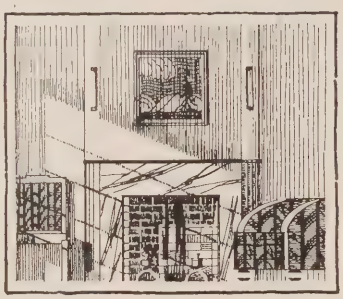
CUBAGE

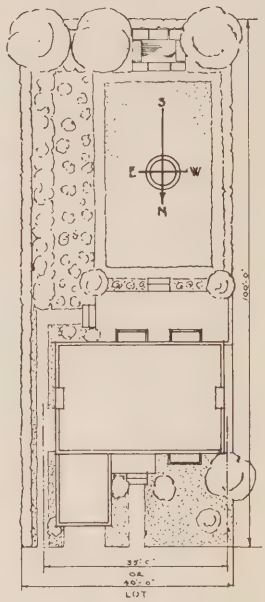
J · 2'-11" × 1'-5" × 4'-0" = 16.9
N · 2'-11" × 1'-5" × 4'-0" = 16.9
G · 32'-0" × 21'-0" × 1'-2" = 783.5
TOTAL ROOF CUBE = 816.5

F · 32'-0" × 21'-0" × 8'-10" = 5935.7
TOTAL SECOND FLOOR CUBE = 5935.7

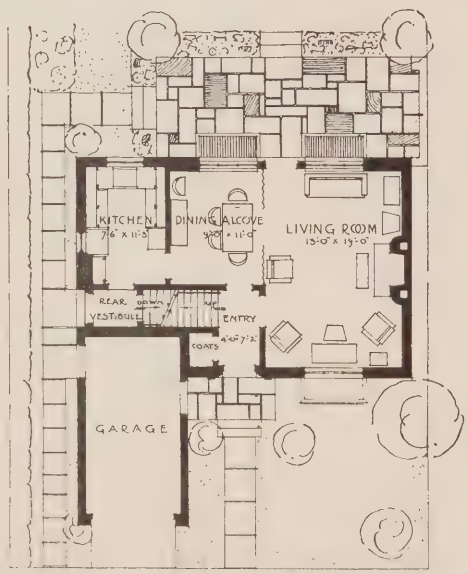
E · 3'-11" × 9'-9" × 2'-0" = 76.3
D · 22'-3" × 21'-0" × 9'-0" = 4205.2
C · 9'-9" × 17'-1" × 9'-0" = 1499.0
TOTAL FIRST FLOOR CUBE = 5780.5

B · 22'-3" × 21'-0" × 6'-10" = 3192.7
A · 17'-1" × 9'-9" × 6'-10" = 1138.0
TOTAL BASEMENT CUBE = 4330.8
TOTAL HOUSE CUBE = 16863.5

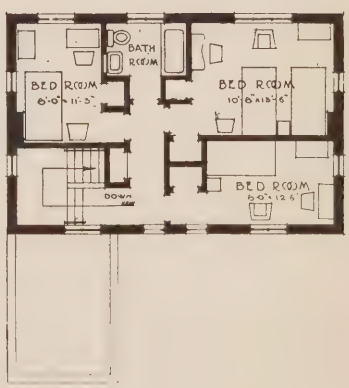




BASEMENT FLOOR PLAN



FIRST FLOOR PLAN



SECOND FLOOR PLAN

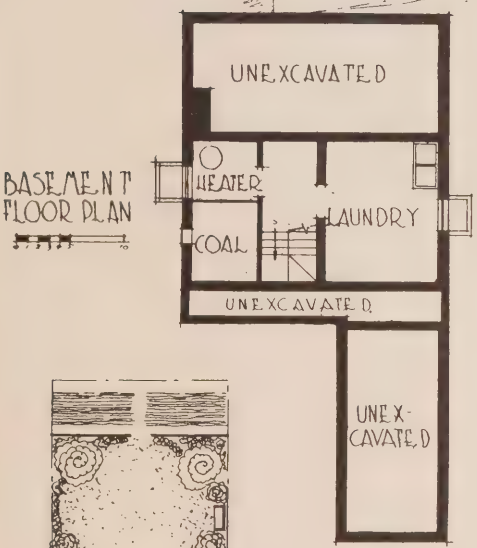
SCALE 1/8" = 1 FOOT

390

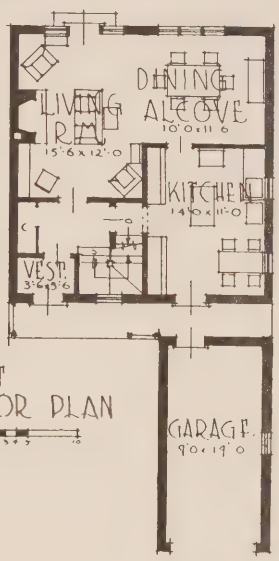
Craig & Madill, Architects,
96 Bloor St. West., Toronto 5, Ont.

Design No. 390

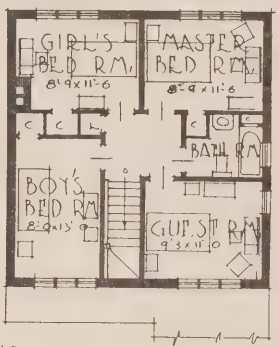
DOMINION·HOUSING·ACT



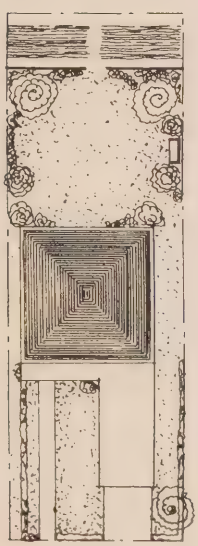
BASEMENT FLOOR PLAN



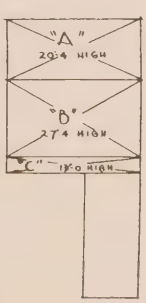
FIRST FLOOR PLAN



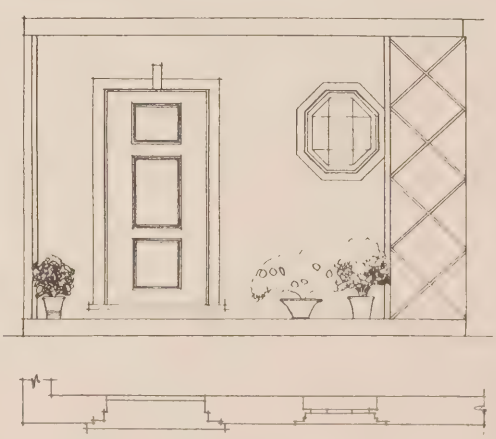
SECOND FLOOR PLAN



PLOT PLAN



PORTION "A"	
25'-0 x 11'-0 x 20'-4	5591
WALLS UNDER MAIN FLOOR	
11'-0 x 4'-0 x 1'-0	44
11'-0 x 4'-0 x 1'-0	44
23'-0 x 4'-0 x 1'-0	92
PORTION "B"	
25'-0 x 13'-0 x 27'-4	10230
PORTION "C"	
25'-0 x 3'-0 x 9'-0	625
WALLS UNDER	
25'-0 x 4'-0 x 9'-0	75
2'-3 x 4'-0 x 0'-9"	1½
2'-3 x 4'-0 x 0'-9"	1½
TOTAL CUBAGE	16875



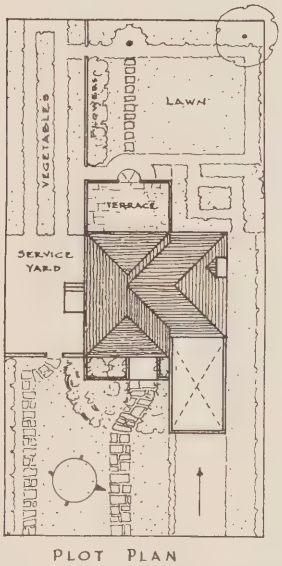
3/8" DETAIL OF FRONT ENTRANCE

398

JOCELYN DAVIDSON, Architect,
332 Bloor St. West, Toronto, Ont.

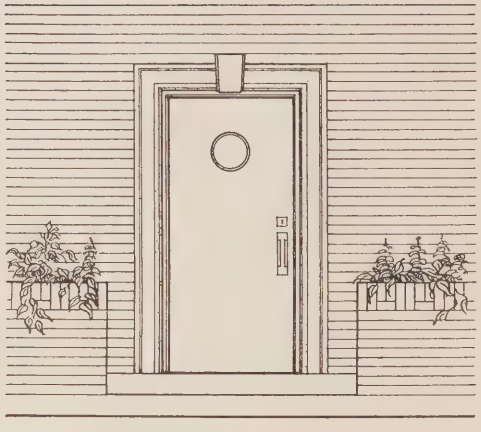
Design No. 398

DOMINION HOUSING ACT



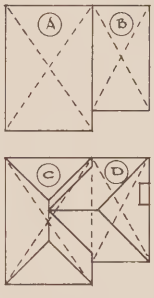
PLOT PLAN

0 10 20 30 40 50 FEET



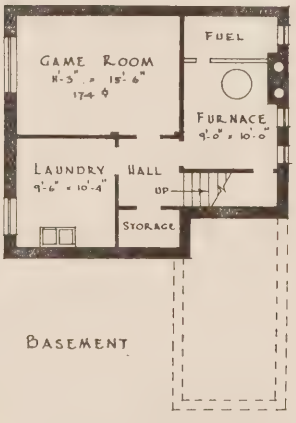
DETAIL OF DOORWAY

1 0 1 2 3 4 5 FEET

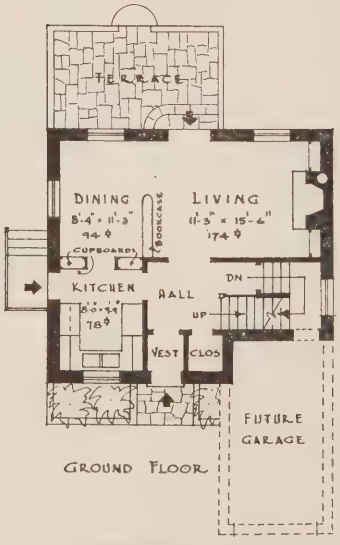


CUBAGE

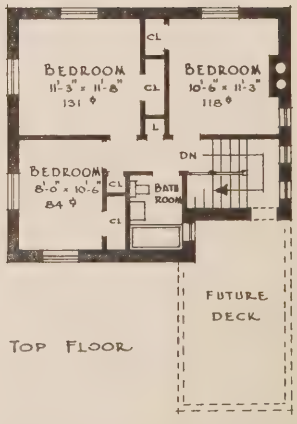
BLOCK A	= 24'-6" × 18'-0" × 23'-10"	= 10509
B	= 20'-8" × 9'-8" × 23'-3"	= 4430
ROOF C	= 341 + 630	= 971
ROOF D	= ½ × 20'-8" × 9'-3" × 6'-4"	= 611
DORMERS	(TWO)	= 6
CHIMNEY	2'-0" × 4'-0" × 8'-0"	= 64
TOTAL CUBIC FEET		— 16,591



BASEMENT



GROUND FLOOR



TOP FLOOR

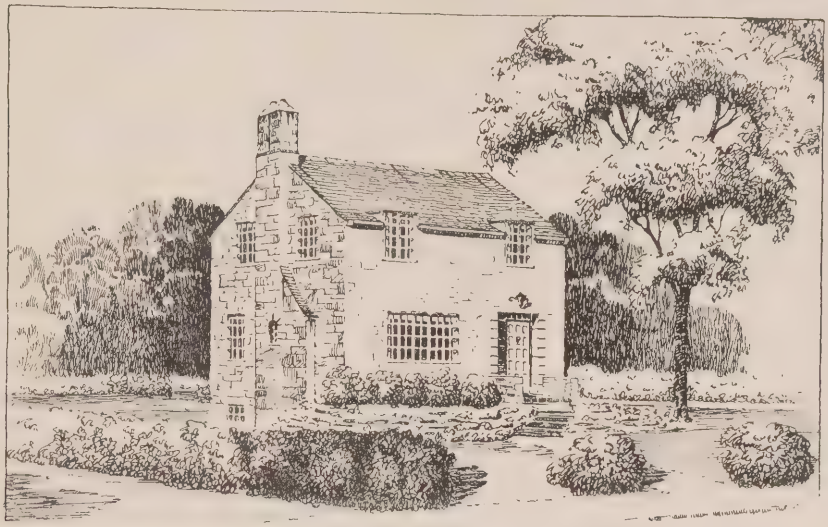
5 0 5 10 15 20 25 FEET

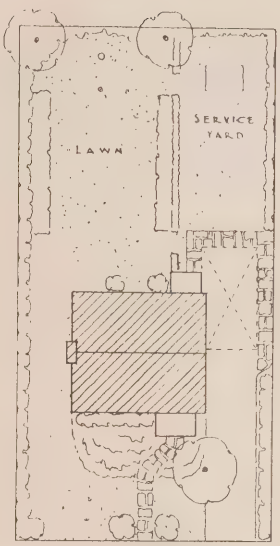
400

G. E. Wilson & G. E. Auld, Architects,
1050 Beaver Hall Hill, Montreal, Que.

Design No. 400

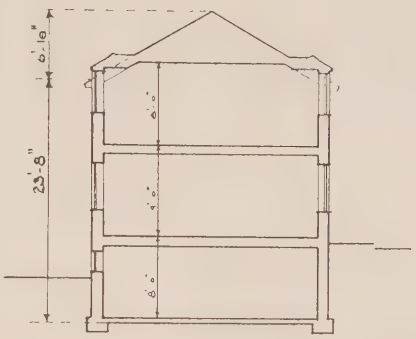
DOMINION HOUSING ACT





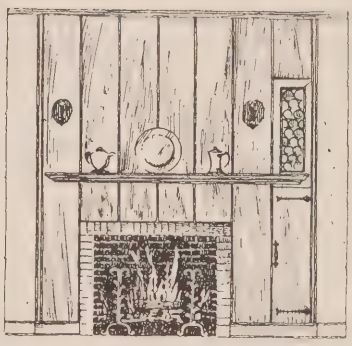
PLOT PLAN
50'-0" x 100'-0"

10 0 10 20 30 40 FT



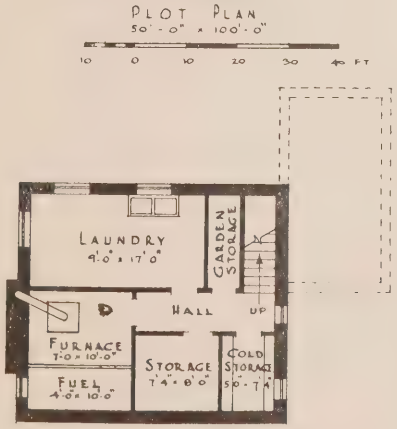
CUBAGE

MAIN BLOCK — 23'-4" × 26'-4" × 23'-8"	=	14533.
ROOF — 23'-4" × 26'-4" × 6'-10"	=	2119.
CHIMNEY	=	212.
4 DORMERS	=	32.
TOTAL CU. FT.	=	16896.

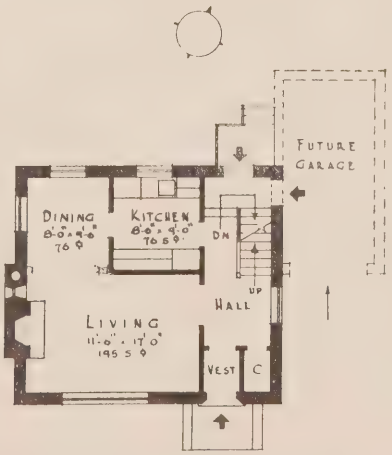


HALF INCH DETAIL OF FIREPLACE

0 1 2 3 4 5 6 7 FT

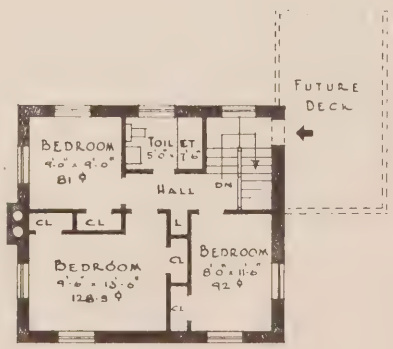


BASEMENT



GROUND FLOOR

5 0 5 10 15 20 25 30 35 FT.



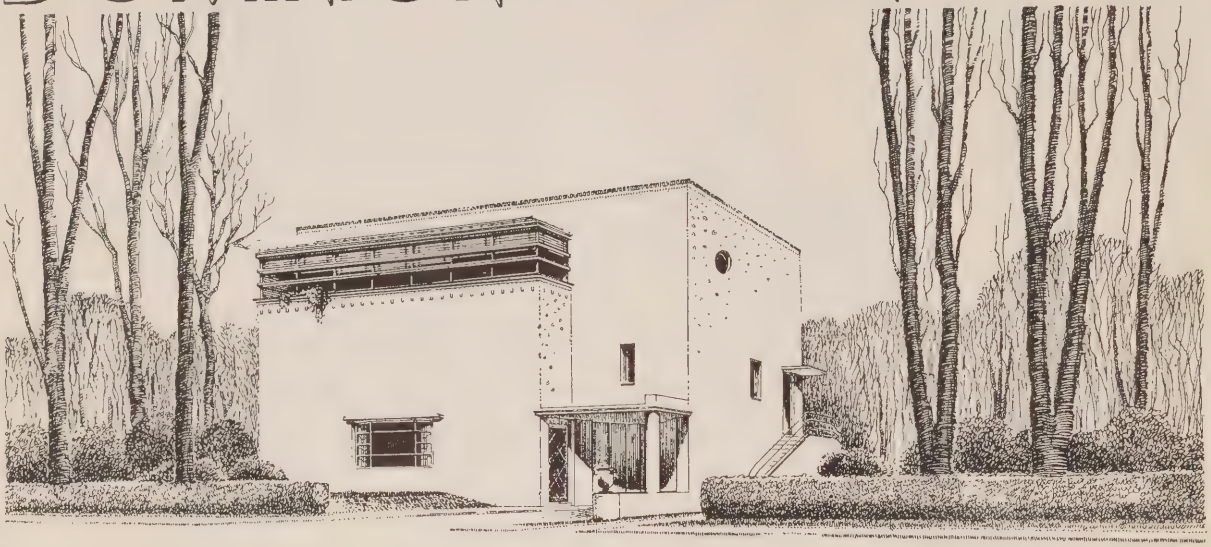
SECOND FLOOR

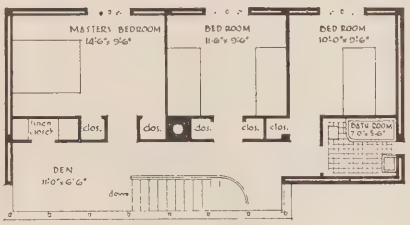
403

G. E. Wilson & G. E. Auld, Architects,
1050 Beaver Hall Hill, Montreal, Que.

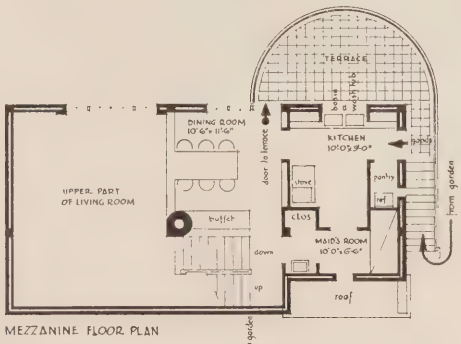
Design No. 403

DOMINION HOUSING ACT

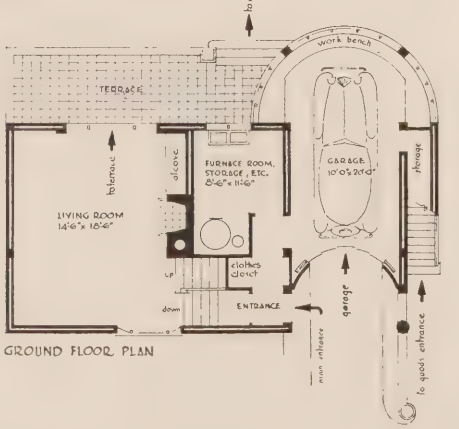




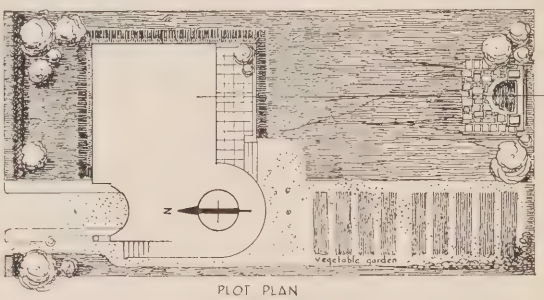
FIRST FLOOR PLAN



MEZZANINE FLOOR PLAN

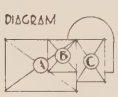


GROUND FLOOR PLAN



PLOT PLAN

DIAGRAM

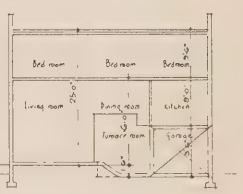


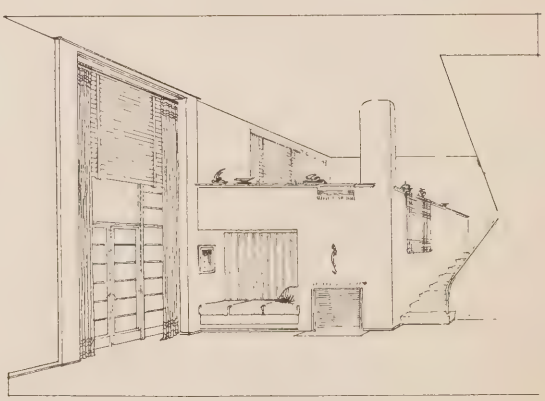
(A)	20 x 27 x 25 =	13,500
(D)	11 x 12 x 1½ = sunken part of furnace room.	198
(C)	16½ x 11 x 18 =	3267
		16,965

TOTAL CUBAGE
16,965 cu.ft.

Garage	14 x 11 x 9	1386
half circle x 9		1143
service stair		167
		=2696

Total cubage, garage included = 19661





VIEW OF LIVING ROOM

GRAPHIC FOR FLOOR PLANS

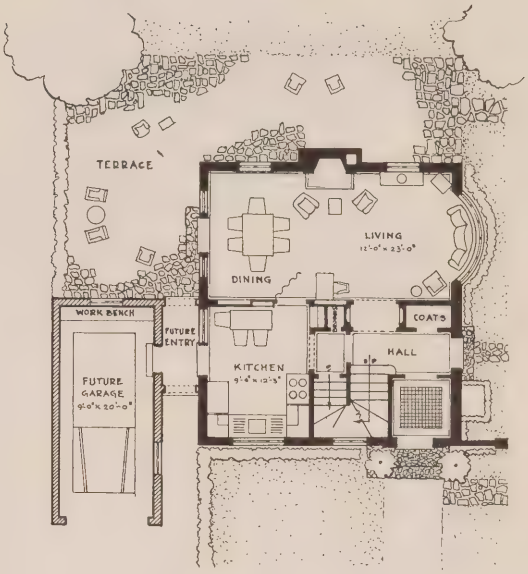
408.

Gascon & Parant, Architects,
934 Ste. Catherine St., Montreal, Que.

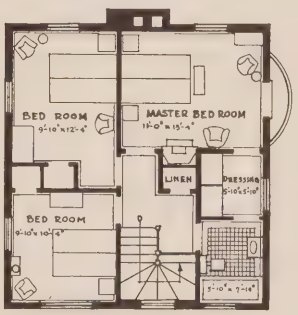
Design No. 408

· DOMINION · HOUSING · ACT ·

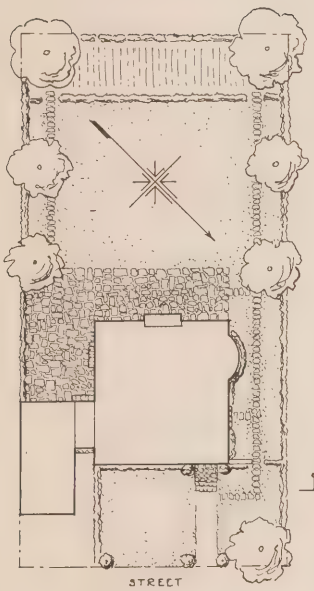
STREET VIEW



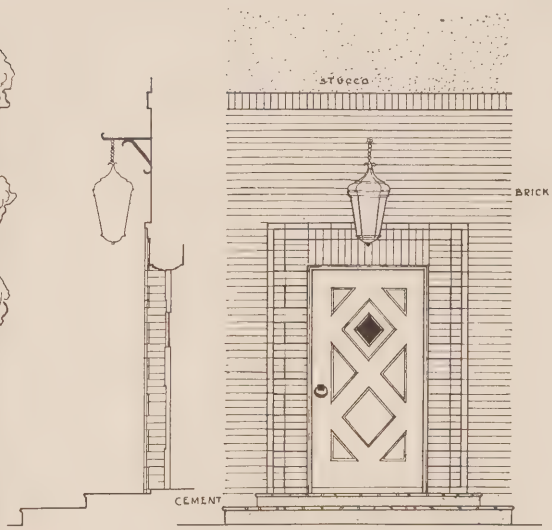
GROUND FLOOR PLAN



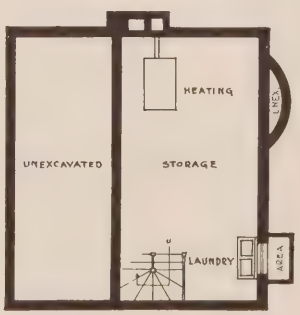
SECOND FLOOR PLAN



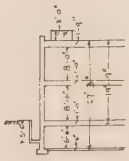
PLOT PLAN



FRONT DOOR DETAIL



BASEMENT

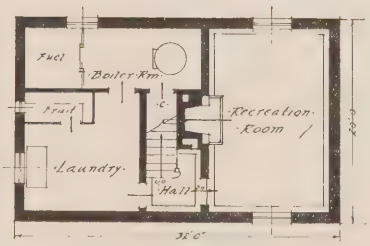


	L	W	H	C.F.
A -	23'-0"	15'-0"	2 7'-3"	11,036
B -	27'-0"	10'-0"	19'-9"	5,333
C -	6'-6"	1'-6"	2 7'-3"	245
D -	9'-0"	2'-0"	10'-0"	135
E -	5'-0"	2'-6"	5'-6"	69
F -	6'-0"	3'-0"	3'-0"	54
				16,872 TOTAL CUBAGE

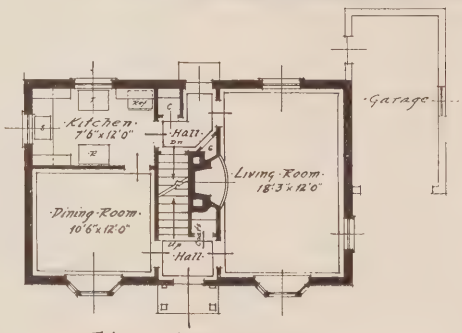
M. J. Mendelssohn, Architect,
1434 St. Catherine St. West, Montreal, Que.

Design No. 409

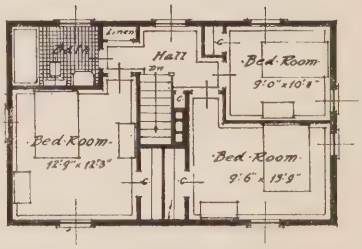
DOMINION · HOUSING · ACT



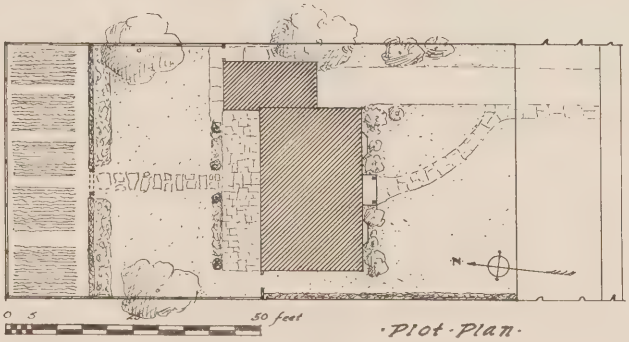
· Basement · Plan ·



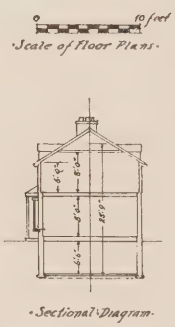
· First · Floor · Plan ·



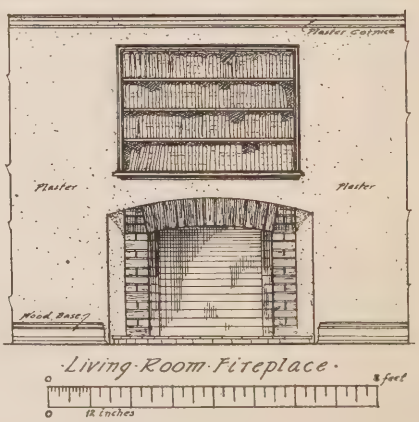
· Second · Floor · Plan ·



· Plot · Plan ·



· Sectional Diagram ·



· Living · Room · Fireplace ·

· Cubage ·

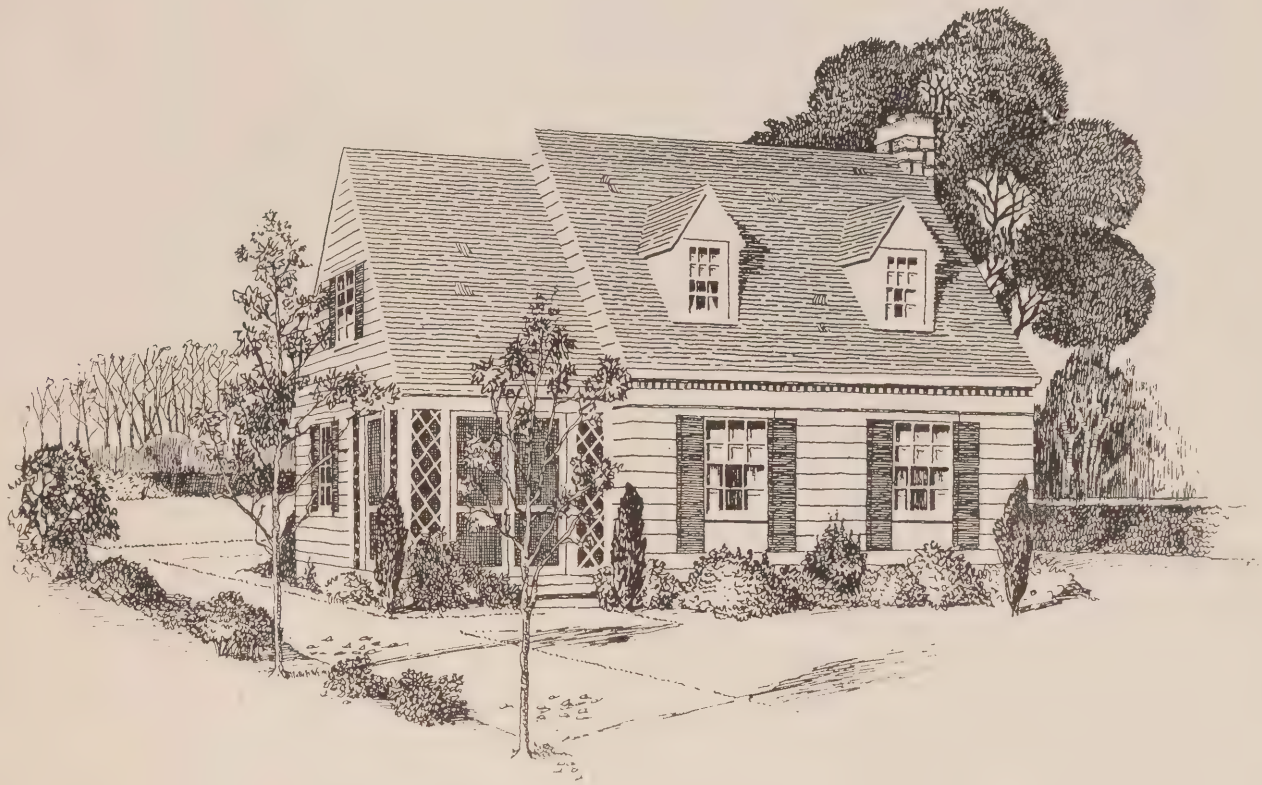
House 32'x20'x25'9"	16480	
5 Dormers @ 15 cu. ft.	75	
Chimney	25	16894 cu. ft.
Porch	120	
2 Bays @ 32 cu. ft.	64	
Recreation Room extra depth 20'x13'x6"	130	

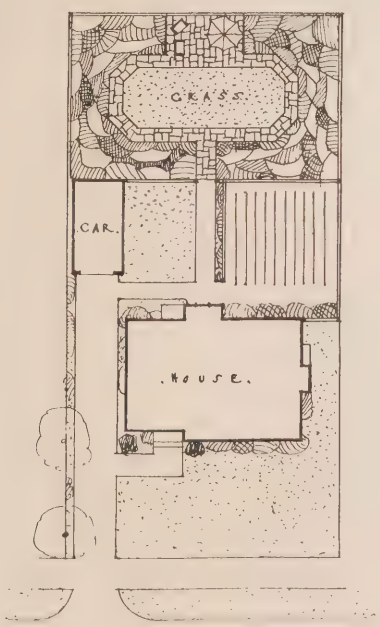
421

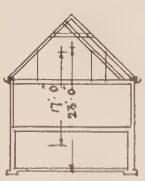
Catto and Catto, Architects,
56-58 Adelaide St. East, Toronto, Ont.

Design No. 421

DOMINION HOUSING ACT

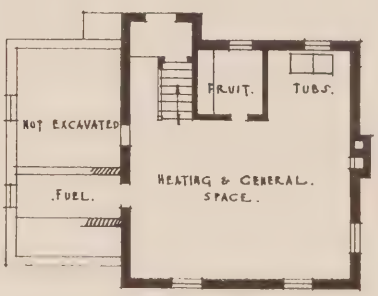


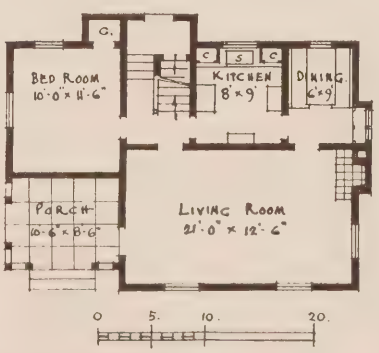


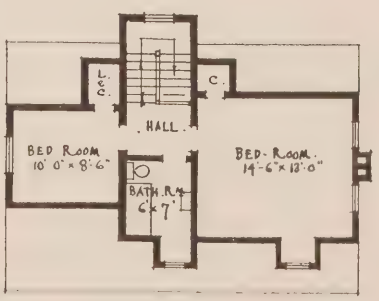


CUBAGE.

22' x 23' x 23'	= 11638'	
21' x 10½ x 17½	3858½	
7' x 2½ x 17'	297½	
CLOSET	100'	
DORMERS.	150'	
CHIMNEY.	217'	
BAY.	50'	
CLOSETS. 1ST FL:	100'	
FUEL.	200'	
TOTAL.	16611 C.F.	



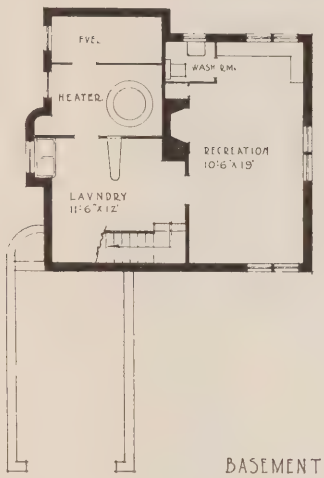




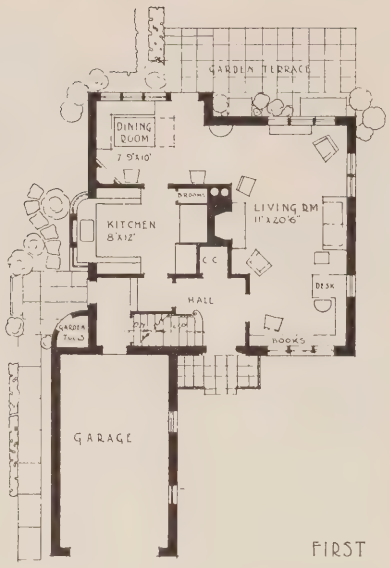
JOHN T. FINDLAY, Architect,
Suite 4, 430 Talbot St., St. Thomas, Ont.

Design No. 430

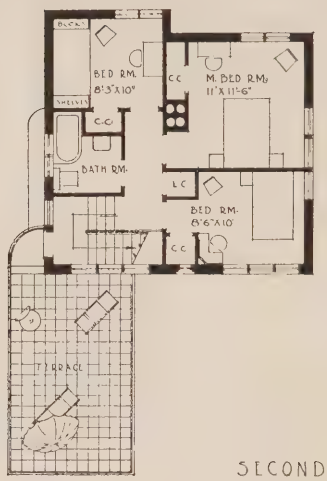
DOMINION HOUSING ACT



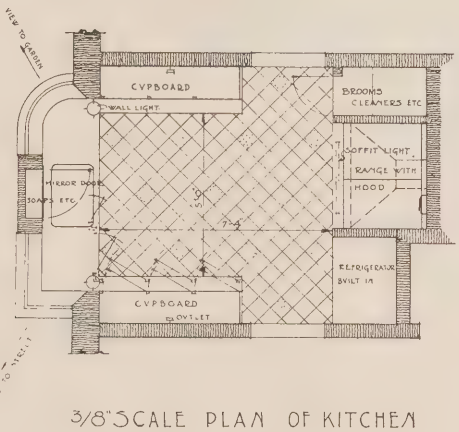
BASEMENT



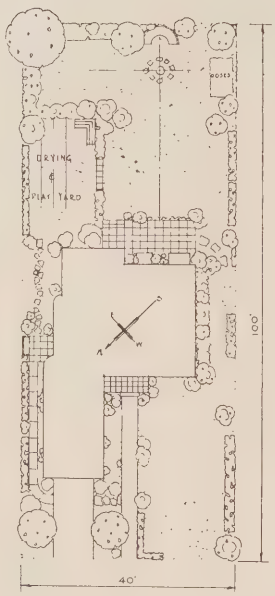
FIRST



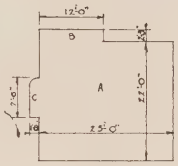
SECOND



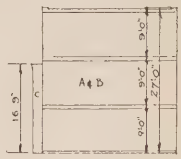
3/8" SCALE PLAN OF KITCHEN



PLOT PLAN



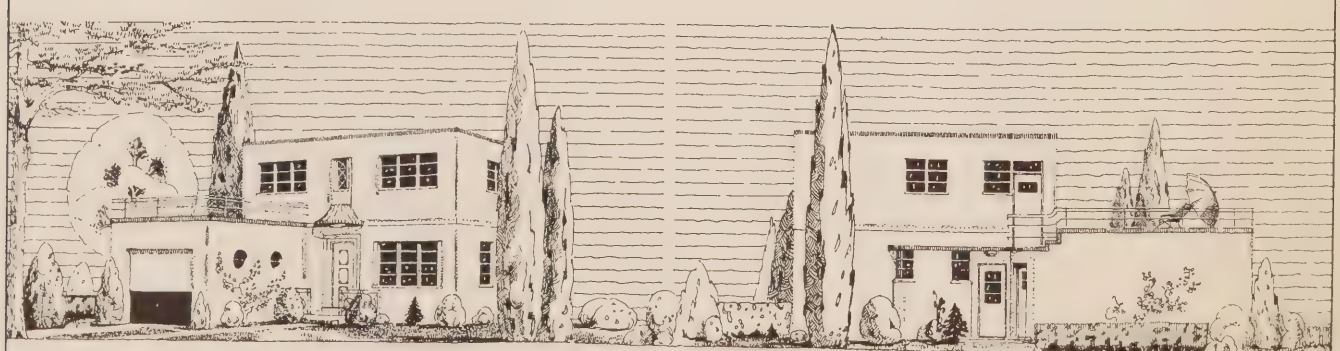
PLAN



ELEVATION

CUBIC CONTENTS

"A"	SECTION	25'X22'= 550'	X 27' = 15,579'
"B"	SECTION	12'-0"X 2'-3" = 27'	
"C"	SECTION	7'-6"X 1'-8"X 16'-9"	= 218
		TOTAL =	15,797 CU. FT.

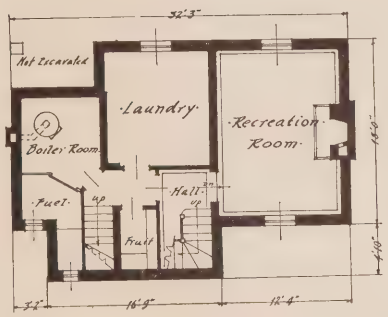


431

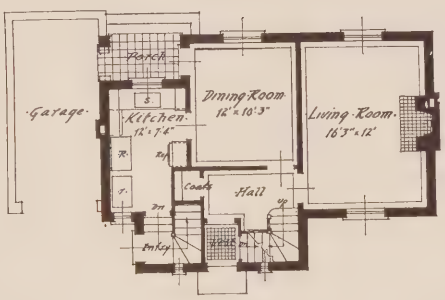
J. D. KYLES, Architect,
78 Ontario Ave., Hamilton, Ont.

Design No. 431

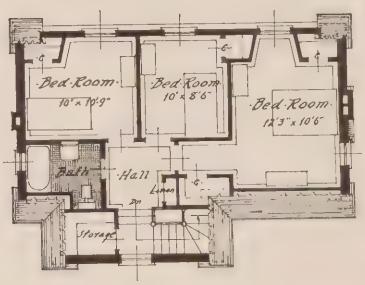
DOMINION · HOUSING · ACT



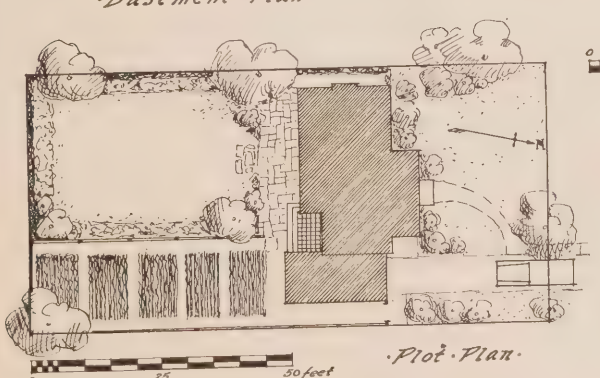
·Basement · Plan·



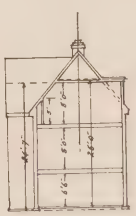
·First Floor · Plan



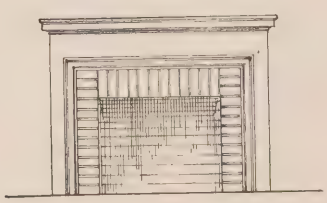
·Second Floor Plan



·Plot · Plan·



·Sectional · Diagram·



·Living Rm. Fireplace·

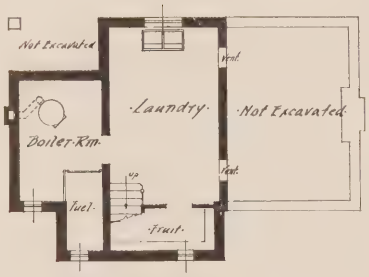
Cubage					
	House 32'3"x18'x25'	14512			16,901 cu.ft.
	Gable 18'9"x4'10"x24'3"	1992			
	Dormer (2) 7'6"x4'6"x5'6"÷2	340	Not Excavated 8'x4'3"x5'		
	Chimneys	100			
	Recreation Rm extra depth 13'x18'x6"	117	17061 minus	160	

437

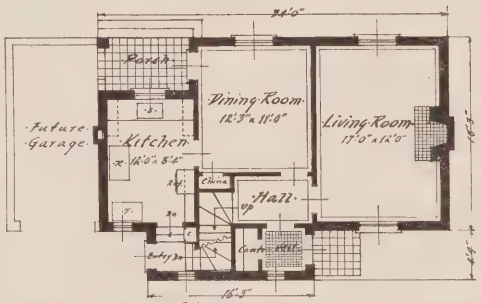
Design No. 437

Catto and Catto, Architects,
56-58 Adelaide St. East, Toronto, Ont.

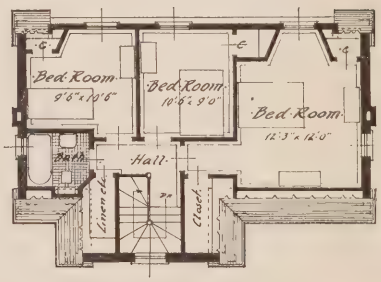
DOMINION · HOUSING · ACT



· Basement · Plan ·

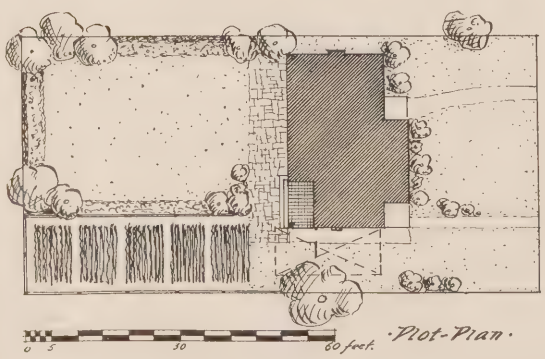


· First · Floor · Plan ·

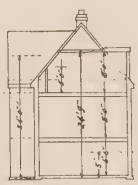


· Second · Floor · Plan ·

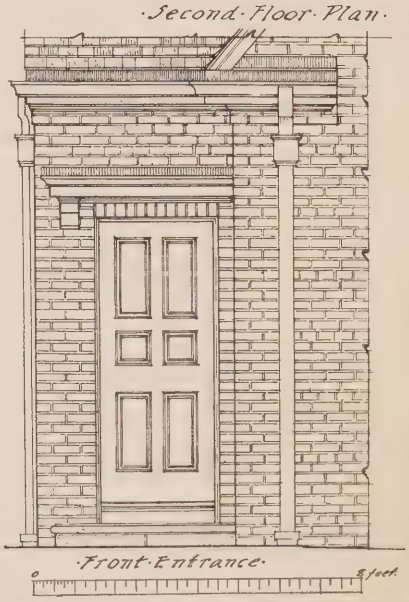
0 12 feet.
· Scale of Floor Plans ·



· Plot · Plan ·



· Sectional · Diagram ·



· Front · Entrance ·

· Cubage

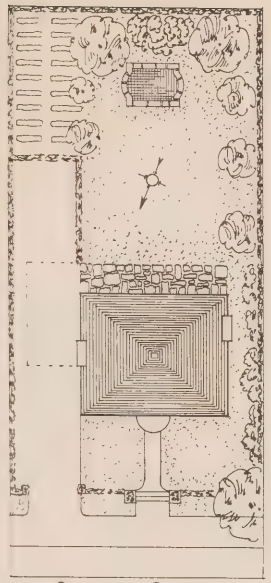
House 34'x18'9"x24'9"	- 15778	Not Excavated	
Gable 16'3"x4'9"x24'	- 1852	13'x15'9"x5' - 1218	
Dormer (28'5"x6'6")÷2	- 455	18'9"x5'x5' - 218	16,731 Cu ft.
Chimneys	- 82		
	18167	minus 1436	

447

Catto and Catto, Architects,
56-58 Adelaide St. East, Toronto, Ont.

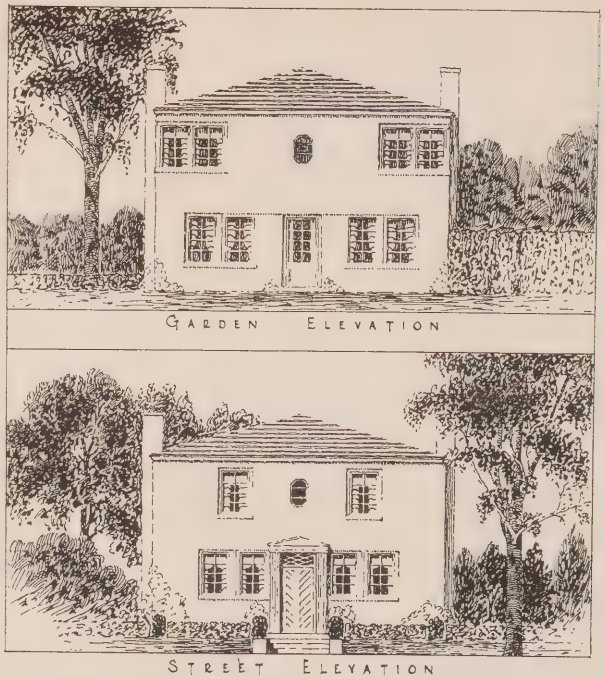
Design No. 447

DOMINION HOUSING ACT



PLOT PLAN

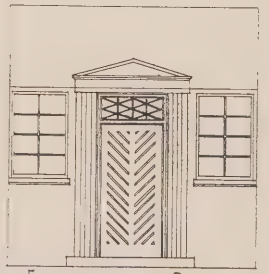
SCALE IN FEET



GARDEN ELEVATION

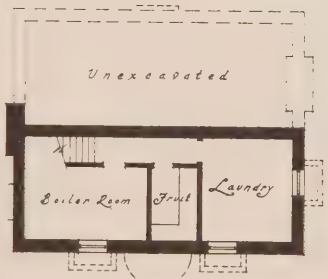
STREET ELEVATION

LIVING ROOM DETAIL

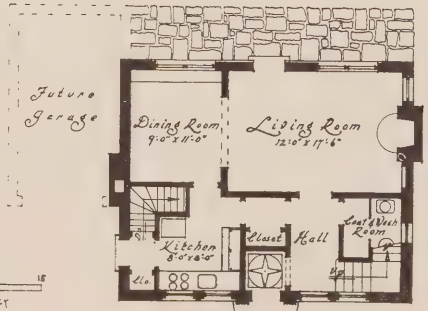


ENTRANCE DETAIL

SCALE IN FEET

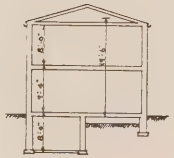


BASEMENT PLAN

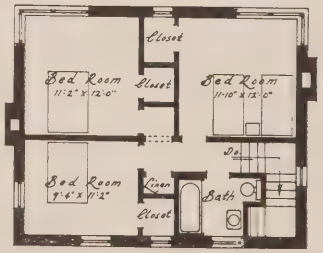


SCALE IN FEET

FIRST FLOOR PLAN



BASEMENT	12'-3" X 24'-0" X 8'-0" = 2854 cu ft.
HOUSE	24'-0" x 24'-0" x 19'-6" = 13641 " "
CHIMNEYS	250 " "
TOTAL CUBAGE	16745 CU FT.



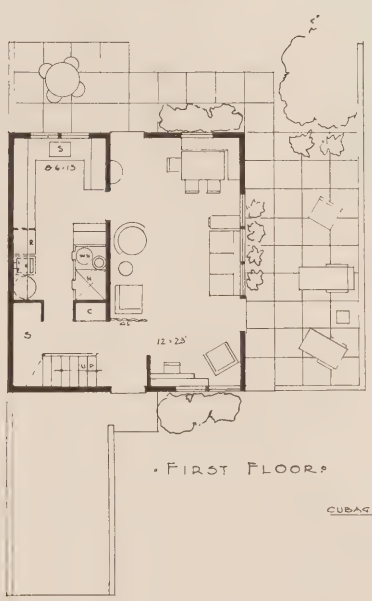
SECOND FLOOR PLAN

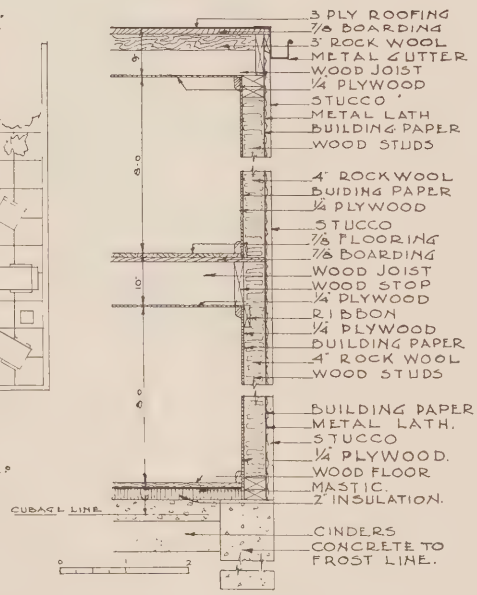
EARLE C. MORGAN, Architect,
30 Bloor St. West, Toronto 5, Ont.

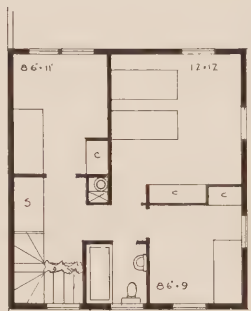
450

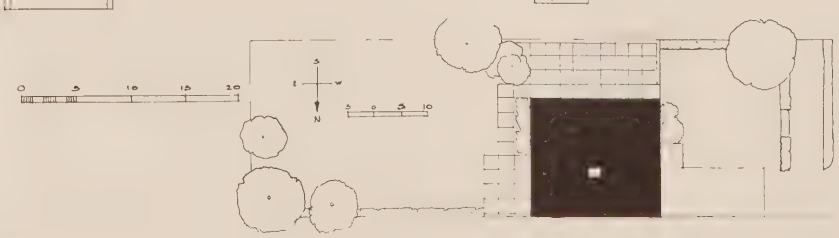
Design No. 450

DOMINION HOUSING ACT









: CUBAGE :

22 × 24 × 18 = 9591.6 CU. FT.

443

A. H. Tremblay, Architect,
72 Sixth St., Limoilou, Que.

Design No. 443

DOMINION HOUSING ACT

SCHEDULE OF CUBAGE

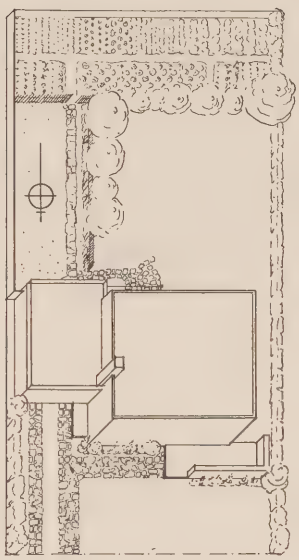
GARAGE NOT INCLUDED

HOUSE
26'-8" × 24'-0" × 18'-3"
= 11,694 CU. FT.

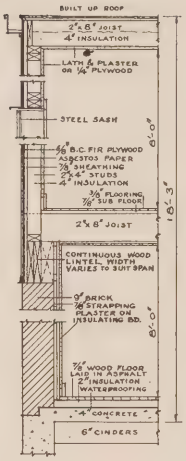
CHIMNEY EXTRA
1'-0" × 2'-0" × 21'-0"
= 42 CU. FT.

TOTAL CUBAGE
= 11,736 CU. FT.

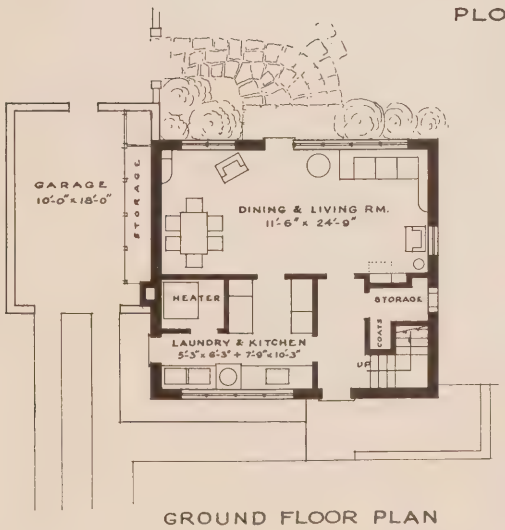
LOCATION
BRITISH COLUMBIA & VANCOUVER IS.



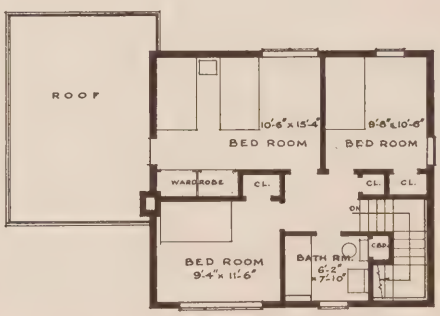
PLOT PLAN



SECTION THRU WALL



GROUND FLOOR PLAN



SECOND FLOOR PLAN

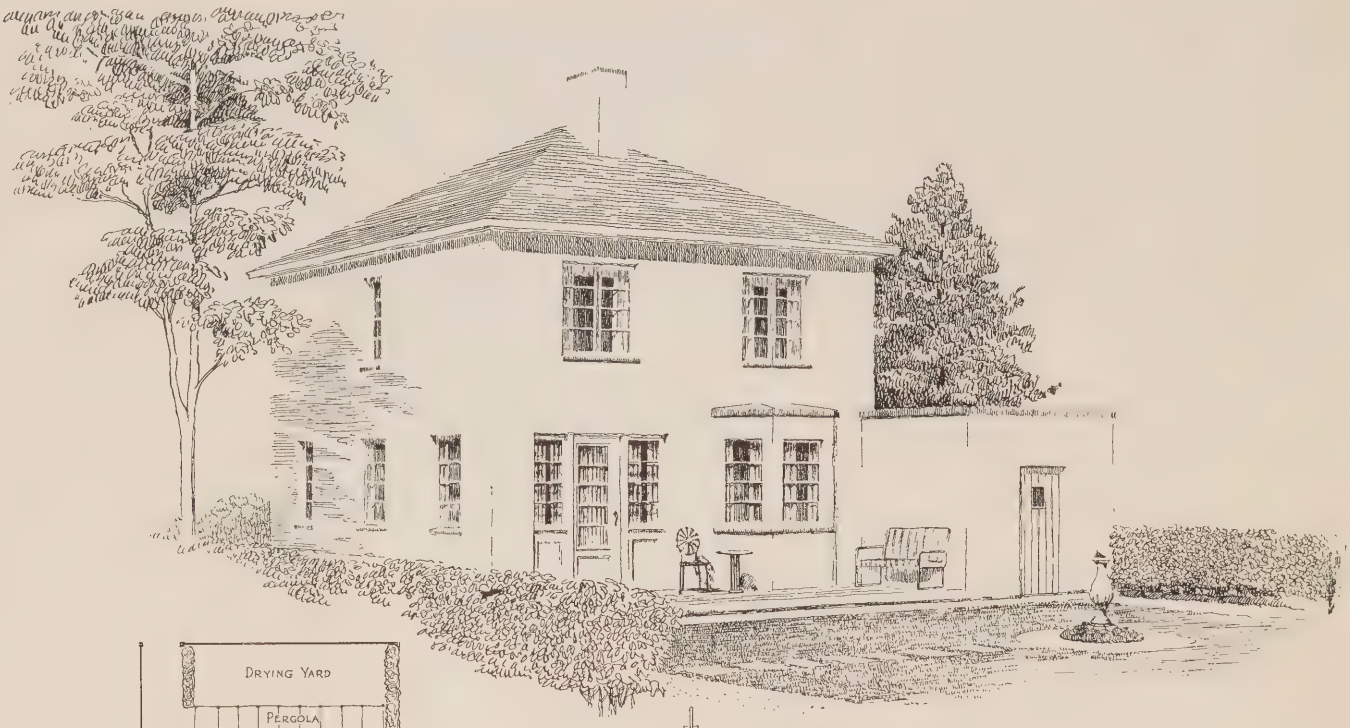
SCALE FEET
0 1 2 3 4 5 10 15 20
MODULE 32 INS.

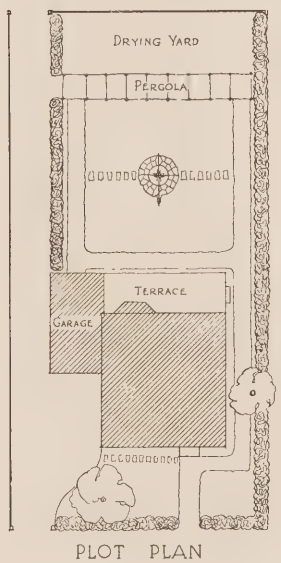
468

Robert R. Moffat, Architect,
400 Avenue Road, Toronto, Ont.

Design No. 468

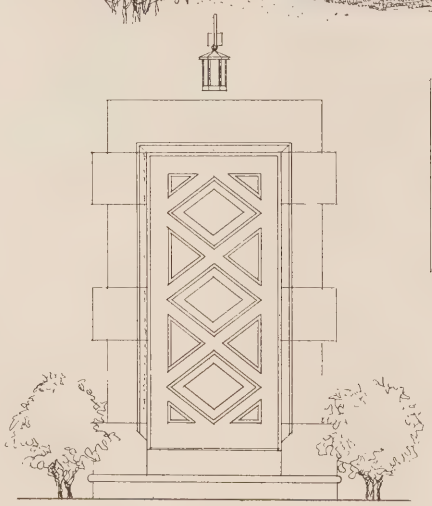
DOMINION HOUSING ACT





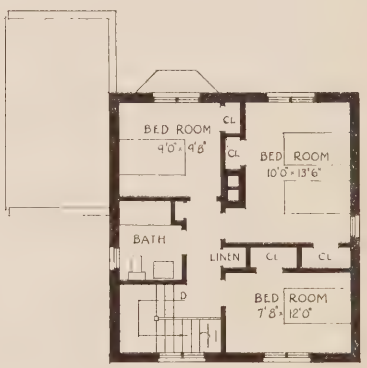
PLOT PLAN

0 10 20 30 40 50 FEET



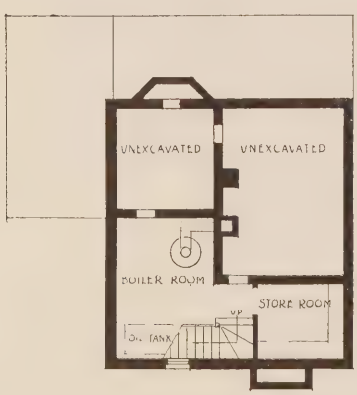
ENTRANCE DETAIL

0 1 2 3 4 5 6 FEET

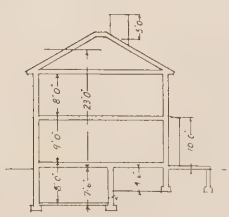


SECOND FLOOR PLAN

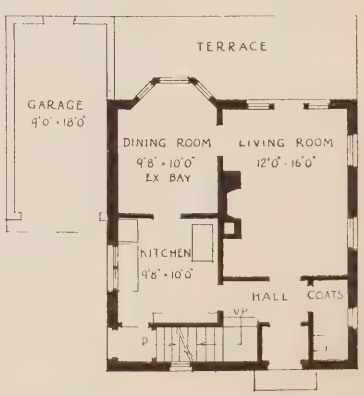
0 5 10 15 20 25 FEET



BASEMENT PLAN



CUBIC CONTENTS		
MAIN PORTION	24'0 × 26'0 × 23'0	= 14,352
EXCAVATED AREA	(15'6" × 10'6" + 9' × 13'6") × 7'6"	= 2,132
OTHER FOUND NS	(66 + 6) × 4'6"	= 324
BAY WINDOW	2'3" × 6'0 × 10'0	= 135
CHIMNEY	2'0 × 3'6 × 5'0	= 35
	TOTAL	16,978

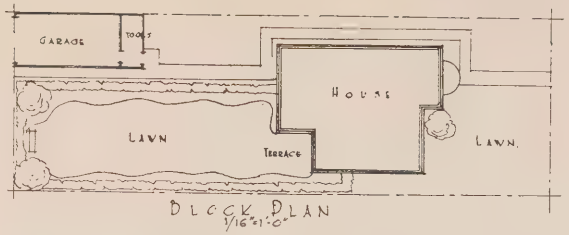


GROUND FLOOR PLAN

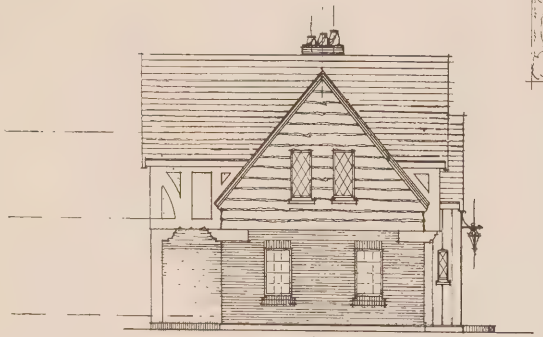
W. W. ALWARD, Architect,
Saint John, N.B.

Design No. 480

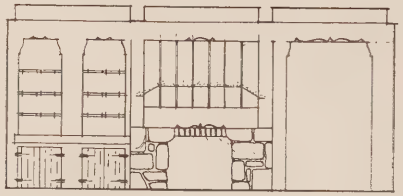
DOMINION · HOUSING · ACT



BLOCK PLAN
1/16" = 1'-0"

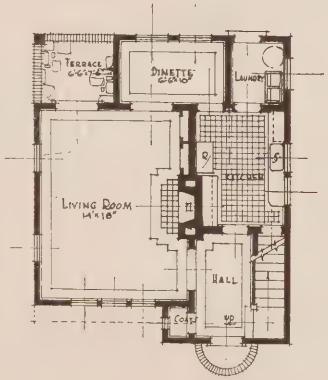


WEST ELEV

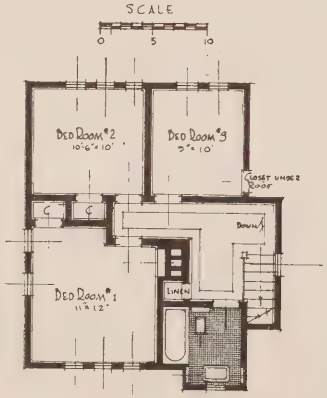


INTERIOR ELEVATION
1/4" = 1'-0"

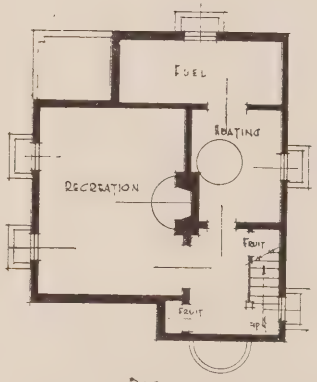
SOUTH ELEV



GROUND FLOOR



SECOND FLOOR



BASEMENT

FLOOR AREA = 654 ft²
AV. HEIGHT = 25 ft
VOLUME = 16350 ft³

521.

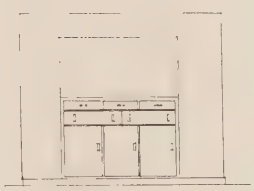
D. D. CARPENTER, Architect,
325 Howe St., Vancouver, B.C.

Design No. 521

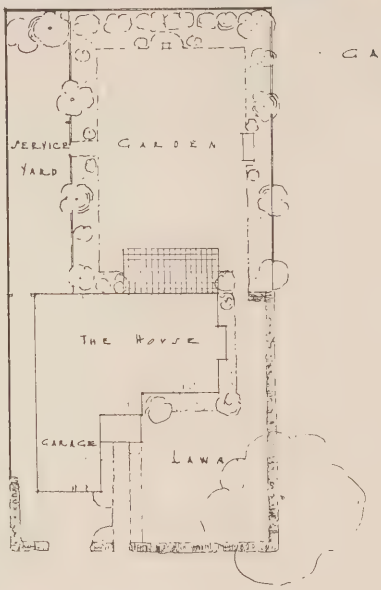
DOMINION HOUSING ACT

STREET ELEVATION

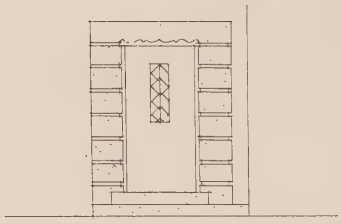
GARDEN ELEVATION



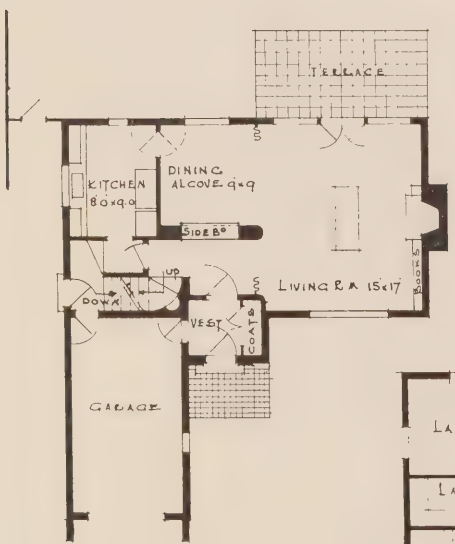
SIDEBOARD IN DINING ROOM
½ SCALE



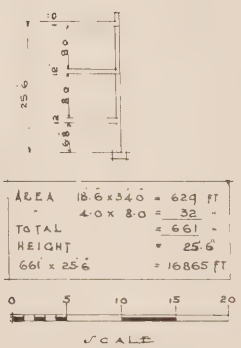
PLOT PLAN

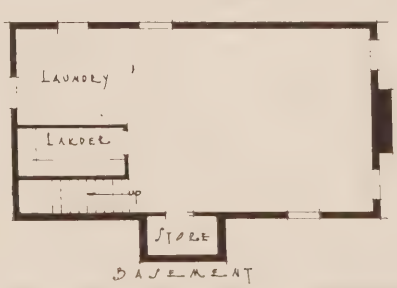


FRONT ENTRANCE
½ SCALE

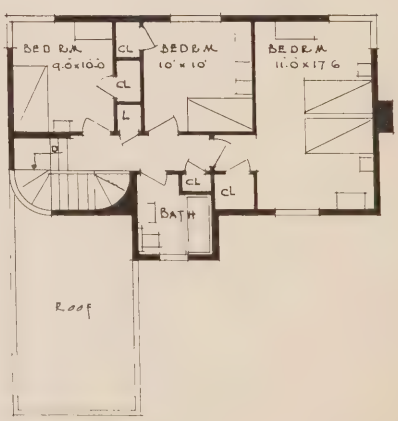


FIRST FLOOR





BASEMENT



SECOND FLOOR

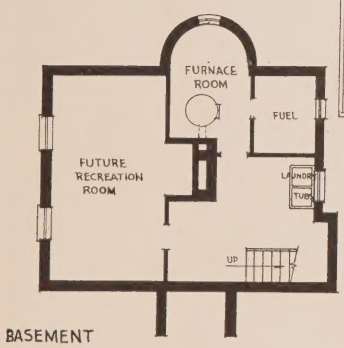
500

Arthur E. Cubbidge, Architect,
808 Boyd Bldg., Winnipeg, Man.

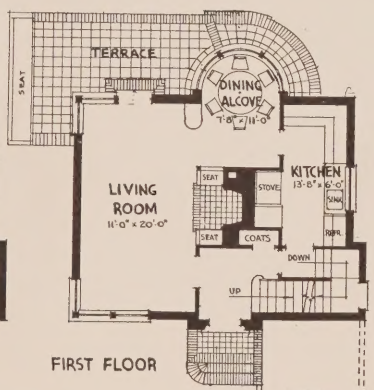
Design No. 500

DOMINION·HOUSING·ACT

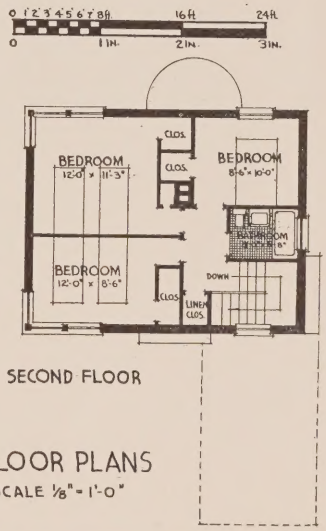
GARDEN ELEVATION



BASEMENT

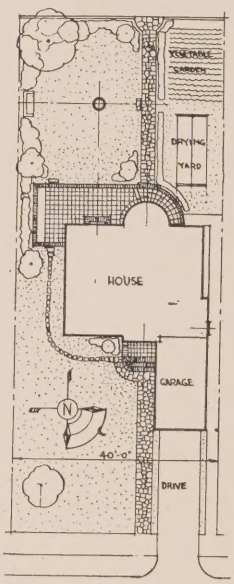


FIRST FLOOR

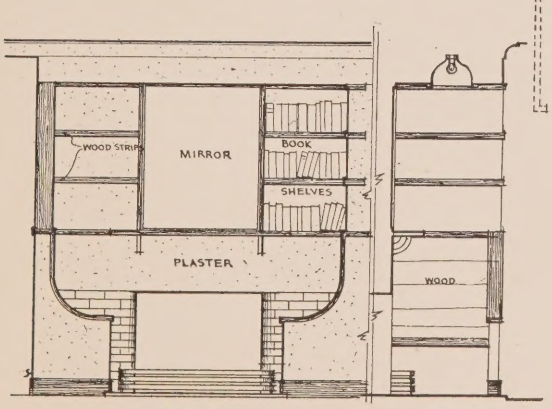


SECOND FLOOR

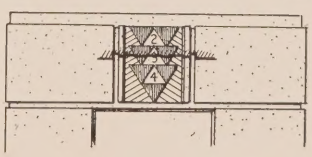
FLOOR PLANS
SCALE 1/8" = 1'-0"



PLOT PLAN
SCALE 1/16" = 1'-0"

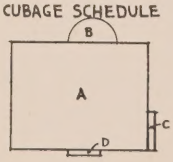


DETAIL OF FIREPLACE
SCALE 1/2" = 1'-0"



DETAIL OF ORNAMENTAL PLASTER PANEL OVER FRONT DOOR
SCALE 1/2" = 1'-0"

CUBAGE SCHEDULE



A - 27'×21'-6" × 27'-6"	=	15,977 Cu. Ft.
B - 18' × 32 sq ft.	=	576 Cu. Ft.
C - 1'-6" × 7'-6" × 18'	=	180 Cu. Ft.
D - 1' × 7' × 10'	=	70 Cu. Ft.
TOTAL CUBE		16,803 Cu. Ft.

GREEN, BLANKSTEIN, RUSSELL & HAM, Architects,
202-203 Film Exchange Bldg., Winnipeg, Man.

Design No. 501